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Maine Perspective

A PUBLICATION
FOR THE
UNIVERSITY OF
MAINE

VOL. 8, NO. 5
NOVEMBER 4, 1996



Assistant Professor of Art Siri Beckman, right, and art major Holly Boyington look over a woodcut print produced as part of a Printmaking I class in Carnegie Hall.

Photo by Kathryn Rice

University's Visual Arts Community Celebrates 50 Years, Looks Ahead to the Next Half-Century

The University of Maine Museum of Art and Department of Art are celebrating their 50th anniversary this fall. The events surrounding the celebration provide an opportunity to look back on half a century of art education and collecting that began with art legend Vincent Hartgen, forever changing the visual arts in Maine. With this history as a foundation, the Department and the Museum also now look to the future – the next half century – with a commitment to take an even greater leadership role in Maine's visual arts tradition.

"We couldn't be where we are today without Vincent Hartgen, but we also haven't stayed stagnant," says Laurie Hicks, chair of the Department of Art. "We've continued to grow both in breadth and capacity. We've gone from a single academic program in studio art to three programs in studio, art history, and art education; and, from an art collection to a Museum. What Vincent did exists as our foundation. Now we want to lay the path for the future."

In the four years remaining in this millennium, "we will continue and expand upon the vision that Vincent started in 1946 – everything is poised for us to do that," adds Wally Mason, director of the University's Museum of Art.

The 50th anniversary celebration began by showcasing the artistic talents of the individual who started the Museum of Art and Department of Art in 1946 – Vincent Hartgen. His exhibition of 38 works, *Vincent Hartgen: Paintings and Drawings*, opened Oct. 28 at the University of Maine Portland

Centre and will run through Jan. 17. Scheduled in an off-campus venue, this exhibition reflects Vincent's far-reaching influence throughout Maine.

The Museum and Department will continue their celebration throughout the academic year with a variety of events. In addition to the annual faculty exhibition in January and the student exhibition in April, a Department of Art guest lecture series, "The Artist in Maine," will bring nationally and internationally known artists, art scholars and art educators who have ties to Maine to campus. These will include such noted individuals as art critic Lucy Lippard; sculptor Celeste Roberge; Micmac basketmaker, Richard Silliboy; and Marsden Hartley scholar, Gail Scott. The goal is to "highlight the diversity of Maine's contribution to the visual arts," says Hicks.

Another highlight of the anniversary celebration, and one that epitomizes the future of the Museum and the Department, is the upcoming and unprecedented exhibition, *The 50th Anniversary Exhibition*. Opening Nov. 18, the exhibition brings

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In Perspective

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As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.

ISIS – Integrating Students into Interdisciplinary Studies

In a course called Ages of Discovery, the study of Christopher Columbus provides more than just a historic perspective. In this class, students use mathematical skills to calculate the circumference of the earth and how far Columbus sailed. They learn the sociological circumstances, religious implications and the political context involved in convincing the Spanish monarchs to support such an expedition – and the three subsequent excursions he made. Students read original entries from the ship's log, and learned about the impact of such presence on the native peoples in this "New World."

In some ways, such a course is exploring relatively uncharted waters. But at the University of Maine and other higher education institutions across the country, such interdisciplinary courses are becoming increasingly popular. It is estimated that more than 50 percent of U.S. colleges and universities have integrated courses on the books, and many others have similar interdisciplinary classes under development. Some institutions offer the courses as capstones for seniors, while others, like UMaine, see the classes as integral to first-year student study.

Such courses feature multiple perspectives from different disciplines, bringing what are often one-dimensional subjects to life while affording students the opportunity to explore a number of academic areas. The four to six faculty members who teach each class have a chance to bring to bear not only their expertise but their interests that often extend – or are quite different – from their academic disciplines.

"A key to ISIS – Integrating Students into Interdisciplinary Studies – is that it is not like a team-taught course," according to Professor of Zoology John Moring, who, along with Paula Petrik, Jim Gallagher, Charlie Slavin, Theresa Sears and Francois Amar, is one of the original faculty members involved in ISIS. "The four to six faculty members who are teaching are there for every class. No matter what the topic, there is an integration of subject areas, including sociology, language, history, science and math. We are trying to get to students so they know their major is not in isolation but part of a bigger picture."

At UMaine, Ages of Discovery and three similar 100-level interdisciplinary courses are offered through ISIS. The first ISIS

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College of Engineering Awards Its Top Honors

Four of the College of Engineering's most prestigious awards were presented at its Seventeenth Annual Recognition Banquet last month.

The Distinguished Engineer Award for outstanding engineering accomplishments and contributions to environmental engineering was presented to alumnus John Buckley, co-owner of the Miami-based firm of Post, Buckley, Schuh and Jernigan – the largest privately owned consulting firm in the Southeast. Buckley, who earned a bachelor's degree in civil engineering from UMaine in 1949, designed the first reverse osmosis purification plant approved in Florida for drinking water supply. He also designed one of the first pure oxygen wastewater treatment plants, and developed the design basis for large-scale variable speed pumping of wastewater force mains.

Associate Professor of Civil Engineering Habib Dagher is the recipient of the 1996 Ashley S. Campbell Award for his achievements in developing new wood-based composite construction materials, and excellence in teaching. Dagher's vision of a new industry for Maine, built on the state's traditional forest products industry, has led to research on post-tension decks, truss-based systems, laminated beams and glass fiber-reinforced beams. This latest development most recently led the University to a major National Science Foundation grant and resulted in a \$2.2 million Economic Development Administration grant. Besides his long hours to develop a nationally recognized research and outreach program, Dagher is consistently one of the best teachers in the Department. He is a three-time recipient of the Department of

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On hand for the College of Engineering awards presentation were, left to right, Sandra Duchesne, recipient of the Graduate Teaching Award; John Buckley, recipient of the Distinguished Engineer Award; John Alexander, dean of the College; Habib Dagher, who received the Ashley S. Campbell Award; and Janice Gomm, receiving the Leila C. Lowell Award.

Photo by Kevin Bennett

A REMINDER

The *Maine Perspective* publication schedule is:

Issue date	Deadline for copy
November 18	November 8
December 2	November 22

Members of the University community with news and information for inclusion in *Maine Perspective* are advised to make submissions as early as possible prior to the desired publication date.

Maine Perspective

Maine Perspective is published by the Department of Public Affairs
University of Maine • 5761 Howard A. Keyo Public Affairs Building
Orono, Maine 04469-5761 • 207/581-3745

Director of Public Affairs John Diamond • Executive Editor Margaret Nagle

Layout and Design by University of Maine Department of Public Affairs
Printed by University of Maine Printing Services

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University of
Maine

U Maine Calendar

NOVEMBER 4-19

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be typewritten and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

4 Monday

Open Student Meeting of the Task Force on Telecommunications and Information Technology, 11:30 a.m.-1 p.m., Nov. 4, Bangor Lounge, Union.

"Past History and Current Status of Groundfish," by Stephen Clarke, national Marine Fisheries Service, Woods Hole, part of the Wildlife Ecology Seminar Series, noon, Nov. 4, 204 Nutting Hall. x2906.

Open Faculty and Staff Meeting of the Task Force on Telecommunications and Information Technology, 3-4:30 p.m., Nov. 4, Lynch Room, Fogler Library.

5 Tuesday

Aldus PageMaker, Intro, an Instructional Technology Mac Workshop, 9-11 a.m., Nov. 5, 111 Corbett Business Building. Registration/fee. x1638.

"Excited State Chemistry of Lanthanides and Transition Metal Systems," by Zerihun Assefa, Oakridge, a Department of Chemistry Seminar, 11 a.m., Nov. 5, 316 Aubert Hall. x1196.

Open Faculty and Staff Meeting of the Task Force on Telecommunications and Information Technology, 11:30 a.m.-1 p.m., Nov. 5, Lynch Room, Fogler Library.

"Women Seeking Asylum: Gender Issues in International Law," by Cynthia Mahmood, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Nov. 5, Bangor Lounge, Union. x1228.

Poetry Reading by Susann Pelletier, a freelance journalist, part of the Franco-American Poetry Series, 4 p.m., Nov. 5, Peabody Lounge, Union. x3791.

Performance by the University Orchestra, conducted by Anatole Wieck, part for the School of Performing Arts Music Series, 8 p.m., Nov. 5, Minsky Recital Hall. Admission fee. x4700.

6 Wednesday

"The Beats Go On: The Spirit of Jack Kerouac," featuring readings by Terrell Hunter, part of the Poetry Free Zone series, noon, Nov. 6, Honors Center.

"Does the New Age Movement Help or Hurt Religion?" by Susan Greenwood, part of the Sociology Luncheon Series, noon, Nov. 6, FFA Room, Union. x2380.

"The Birth of Graph Theory," by Howard Eves, a Mathematics Colloquium, 3:10 p.m., Nov. 6, 115 Corbett Business Building. x3938.

Annual Maryann Hartman Awards to Maine Women of Achievement, 5-7 p.m., Nov. 6, Wells Conference Center. Registration. x1228.

"Native Plant Propagation for the Nursery Trade," by Heather McCargo, native plants specialist who teaches at the Institute for Ecosystem Studies, part of the Landscape Horticulture Lecture Series, 6 p.m., Nov. 6, 113 Deering Hall.

Global Links Meeting, offered by the Office of International Programs, 7:30 p.m., Nov. 6, Lown Room, Union. x2905.

Children's International Summer Villages Information Sessions, 7 p.m., Nov. 7, Woolley Room, DTA; noon, Nov. 8, Totman Lounge Union. x1355. See notice on page 15 of this issue.

7 Thursday

Scholarly Communication on the Internet, a Fogler Library Internet workshop, 10 a.m.-noon, Nov. 7, Fogler Computer Classroom. Preregistration. x1678 or <http://libinfo.ume.maine.edu/Courses/fall1996.html>

"Democratic Therapy: An Alternative to Corporate and Professional Control," by Dr. Duncan Wright, part of the Socialist and Marxist Studies series, 12:30 p.m., Nov. 7, Bangor Lounge, Union. x3860.

"Superlearning," a Study Skills Program by Clyde Folsom, offered by the Center for Students and Community Life, 3:15 p.m., Nov. 7, Totman Lounge, Union.

End of second third of semester for withdrawals, 4:30 p.m., Nov. 7.

"Everlasting Miniatures: Small Arrangements with Dried Flowers," a Page Farm and Home Museum Workshop by Brenda Mowdy, 7 p.m., Nov. 7, Page Museum. x4100.

"Books as Art," a discussion/demonstration by book artists Jan Owen, Nancy Leavitt, Walter Tisdale and Michael Alpert, offered by the University Bookstore, 7-9 p.m., Nov. 7, Union. x1700.

Women's Basketball: UMaine vs. Spartak Prerov (Czech Republic), 7:30 p.m., Nov. 7, Alford Sports Arena. Admission fee. xBEAR.

Guitar Recital, featuring eight UMaine students and two performances of Albeniz' legendary *Asturias*, part of the School of Performing Arts season, 8 p.m., Nov. 7, Minsky Recital Hall. Admission fee. x1773.

8 Friday

Aldus Pagemaker, Intro, an Instructional Technology Windows Workshop, 10 a.m.-noon, Nov. 8, 111 Corbett Business Building. Registration/fee. x1638.

Do-It-Yourself Database Searching Workshop for humanities and social sciences faculty, staff and students, 10-11:30 a.m., Nov. 8, Fogler Library. Registration required. x3611 or christin@maine

Passamaquoddy Basketmaking, a demonstration by Passamaquoddy Master Basketmaker Mary Mitchell Gabriel, 1994 National Heritage Fellow, and her daughter Sylvia Gabriel, part of the Hudson Museum "Meet the Artists" series, 10 a.m.-3 p.m., Nov. 8, Maine Center for the Arts. x1903.

Performance by the Memphis Belles, part of the TGIF Jazz series, offered by the Union Board, 12:15 p.m., Nov. 8, Bangor Lounge, Union. x1734.

"Effects of an Enzyme Feed Additive on Dairy Cow Performance," by Shuyun Zheng, an Animal, Veterinary and Aquatic Sciences Graduate Seminar, 1:10 p.m., Nov. 8, 124 Hitchner Hall. x2737.

"Early Uses of Fungi by Native Americans," by Bob Blanchette, University of Minnesota, part of the Plant Biology and Pathology Seminar Series, 1:30 p.m., Nov. 8, 101C Deering hall. x2971.

"Genetic and Non-genetic Variability in Life-History and Physiological Traits in Clonal Sea Anemones," by William Zamer, associate professor of biology, Lake Forest College, Illinois, offered by the Department of Zoology, 3:10 p.m., Nov. 8, 300 Murray Hall. x2541.

"Growing Up Aztec," by Jill Furst, professor of art history, Moore College of Art and Design, offered by the Hudson Museum, 3:30 p.m., Nov. 8, Maine Center for the Arts. x1901.

Men's Ice Hockey: UMaine vs. Northeastern University, 7 p.m., Nov. 8, Alford Sports Arena. Admission fee. xBEAR.

The Dances of Universal Peace, participative Meditations in Motion or Sufi Dances, offered by St. James Church, 7-9 p.m., Nov. 8, 2 Chapel Road, Orono. 866-7918.

9 Saturday

Men and Women's Swimming & Diving: UMaine vs. University of Vermont, noon, Nov. 9. xBEAR.

Men's Ice Hockey: UMaine vs. Northeastern University, 7 p.m., Nov. 9, Alford Sports Arena. Admission fee. xBEAR.

10 Sunday

Men's Basketball: UMaine vs. Dalhousie University, exhibition game, 1 p.m., Nov. 10, Alford Sports Arena. Admission fee. xBEAR.

Festival of Brass, conducted by Fred Heath, part for the School of Performing Arts Music Series, 3 p.m., Nov. 10, Minsky Recital Hall. x1773.

The University Credit Union will be closed Monday, Nov. 11, to observe Veteran's Day. The drive-up will open at 7 a.m., Tuesday, Nov. 12; the lobby at 9 a.m.

11 Monday

"Ocean Dumping and Efforts to Halt It," by Jack Pearce, scientific editor, *Fisheries Bulletin*, part of the Wildlife

Ecology Seminar Series, noon, Nov. 11, 204 Nutting Hall. x2906.

12 Tuesday

Spring Registration begins, Nov. 12.

Aldus PageMaker, Intermediate, an Instructional Technology Mac Workshop, 9-11 a.m., Nov. 12, 111 Corbett Business Building. Registration/fee. x1638.

Aldus PageMaker, Intermediate, an Instructional Technology Windows Workshop, 10 a.m.-noon, Nov. 12, 111 Corbett Business Building. Registration/fee. x1638.

"Something to Talk About:

Exploring Feminism Through Oral History," a lecture and book signing by Tina Baker, professor of English and chair of liberal studies, University College, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Nov. 12, Bangor Lounge, Union. x1228.

"Understanding or Memorization: Are We Teaching the Right Thing?" by Eric Mazur, professor of physics, Harvard University, a live satellite broadcast offered by the Laboratory for Research in Physics Education, 4-5 p.m., Nov. 12, 137 Bennett Hall. x1237.

Performance by Guitarist/Composer David Leisner, part of the School of Performing Arts season, 8 p.m., Nov. 12, Minsky Recital Hall. Admission fee. x1773.

13 Wednesday

Intermediate HTML, a Fogler Library Internet workshop, 9:30-11:30 a.m., Nov. 13, Fogler Computer Classroom. Preregistration. x1678 or <http://libinfo.ume.maine.edu/Clares/fall1996.html>

The CLEP/Placement Exam will be conducted Wednesday, Nov. 13, 6 p.m., 213 Little Hall. Space is limited. Sign up in the Department of Modern Languages & Classics by 2 p.m., Nov. 13.

Jewels in a Test Tube: Biochemist Lynda Jordan, a video followed by discussion led by Sally Jacobs, part of the Discovering Women series of Women in the Curriculum, 5:30-7 p.m., Nov. 13, Totman Lounge, Union. x1228.

Women's Basketball: UMaine vs. Brisbane Blazers (Australia), 7:30 p.m., Nov. 13, Alford Sports Arena. Admission fee. xBEAR.

FACULTY CONVERSATIONS with Provost Judi Bailey

Wednesday, November 13, 3-4:30 p.m.
Lynch Room, Fogler Library

Friday, November 15, 11:30 a.m.-1 p.m., Lynch Room, Fogler Library

Topic for Conversation: Enrollment Management and It's Implication for Our Future

Ongoing Events

Conferences/Seminars/Workshops

Advanced Internet Searching, a Fogler Library Internet workshop, 10 a.m.-noon, Nov. 11; 3-5 p.m., Dec. 3, Fogler Computer Classroom. Preregistration. x1678 or <http://libinfo.ume.maine.edu/Clares/fall1996.html>

Entertainment

Oracle, directed by Janet Warner-Ashley, part of the Maine Masque Series, 8 p.m., Nov. 15-16; 2 p.m., Nov. 17, Cyrus Pavilion. Admission fee. x1773.

"Life Beyond Earth," a Planetarium show, 7 p.m., Nov. 15; 3 p.m., Nov. 16-17, Wingate Hall. Admission fee. x1341.

"Our Sky Family," a Planetarium show, 1:30 p.m., Nov. 16-17, Wingate Hall. Admission fee. x1341.

Exhibits/Demonstrations/Tours

MaJo Kelesian: The Edge of the Stream, a University of Maine Museum of Art exhibit, through Nov. 9, Carnegie Gallery, Carnegie Hall. x3255.

Wendy Seligman Lewis: Blue Hill Retrospective, a University of Maine Museum of Art exhibit, through Nov. 9, 1938 Gallery, Carnegie Hall. x3255.

Stories on Birchbark: Student Art from Indian Island School, a Hudson Museum exhibit, opening Nov. 12, Maine Center for the Arts. x1901.

Pencil Work: Drawings from the Museum Collection, a University of Maine Museum of Art exhibit, through Nov. 17, Hole in the Wall Gallery, Union. x3255.

50th Anniversary Gala: Art Museum/Art Department, a University of Maine Museum of Art exhibit, Nov. 18-Jan. 12, Carnegie Hall. x3255.

Holocaust: The Presence of the Past, a University of Maine Museum of Art exhibit, through Dec. 1, Graphics Gallery, Union. x3255.

Resistance & Rescue, a University of Maine Museum of Art exhibit, through Dec. 8, Hauck Auditorium Gallery. x3255.

Vincent Hartgen: Paintings and Drawings, a Museum of Art exhibit celebrating the 50th anniversary of the Museum and the Department of Art, through Jan. 17, University of Maine Portland Centre. x3255.

Celebration! Performance Artifacts from Southeast Asia, a Hudson Museum exhibit, through April 27, Maine Center for the Arts. x1901.

Maine Forest and Logging Museum - Leonard's Mills, a water-powered sawmill community site, open daily 9 a.m.-4 p.m., with guided tours available, Bradley. x2871.

University of Maine Museum of Art open Monday-Saturday, 9:30 a.m.-4 p.m. x3255.

Page Farm and Home Museum open Tuesday-Saturday, 9 a.m.-4 p.m. x4100.

Hudson Museum open Tuesday-Friday, 9 a.m.-4 p.m.; Saturday-Sunday, 11 a.m.-4 p.m. x1901.

Meetings of Groups/Organizations

Foreign Language Tables: Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish, all noon-1 p.m., 207 Little Hall. x2073.

Maine Peace Action Committee, 4 p.m., every Wednesday, Virtue Room, Maples. x3860.

Nontraditional/Commuter Student Coffee Hour, offered by the Center for Students and Community Life, 3:15 p.m., every Thursday, Nutter Lounge, Union. x1820.

Prisoners of Gender, a discussion group focused the subject of gender, 3 p.m., every Friday, Old Town Room, Union. 827-8118.

International Coffee Hour, 4 p.m., every Friday, Peabody Lounge, Union. x2905.

Miscellaneous

Study Abroad Resource Room, offered by the Office of International Programs, noon-3 p.m., Monday; 10 a.m.-4 p.m., Tuesday and Thursday; noon-4 p.m., Wednesday and Friday, third floor, Maples. x3426.

14 Thursday

"The Media and Foreign Policy Toward Communist Countries in the Post-Cold War Era," by Paul Grosswiler, part of the Socialist and Marxist Studies series, 12:30 p.m., Nov. 14, Bangor Lounge, Union. x3860.

"Final Exams," a Study Skills Program by Clyde Folsom and Doug Johnson, offered by the Center for Students and Community Life, 3:15 p.m., Nov. 14, Totman Lounge, Union.

"5th Annual Writers Harvest," hosted by Diane Genthner and featuring area writers participating in UMaine's observance of the National Reading for Hunger Relief, part of the Poetry Free Zone series and co-sponsored by the University Bookstore, 7 p.m., Nov. 14. Donations. x2072.

Jazz Ensemble Winter Concert, part for the School of Performing Arts Music Series, 8 p.m., Nov. 14, Minsky Recital Hall. Admission fee. x1773.

15 Friday

Basic HTML, a Fogler Library Internet workshop, 1:30-3:30 p.m., Nov. 13, Fogler Computer Classroom. Preregistration. x1678 or <http://libinfo.ume.maine.edu/Classes/fall1996.html>

Networking Women, a meeting open to all UMaine women employees, offered by the Women's Resource Center, 11:30 a.m.-1 p.m., Nov. 15, Honors Center. x1508.

Performance by Chuck Winfield & Friends, part of the TGIF Jazz series, offered by the Union Board, 12:15 p.m., Nov. 15, Bangor Lounge, Union. x1734.

"Studies on the Etiology of Juvenile Oyster Disease," by Maya Crosby, an Animal, Veterinary and Aquatic Sciences Graduate Seminar, 1:10 p.m., Nov. 15, 124 Hitchner Hall. x2737.

"Biodiversity: What Is It and What Can We Do About It?" by Mac Hunter, part of the Plant Biology and Pathology Seminar Series, 1:30 p.m., Nov. 15, 101C Deering Hall. x2971.

"Factorizations in Modules," by Sylvia Valdes-Leon, University of Southern Maine, a Mathematics Colloquium, 3:10 p.m., Nov. 15, 421 Neville Hall.

16 Saturday

Men and Women's Swimming & Diving: UMaine vs. Holy Cross, 11 a.m., Nov. 16. xBEAR.

Football: UMaine vs. Buffalo, noon, Nov. 16. Admission fee. xBEAR.

Men's Basketball: UMaine vs. Connecticut Diamonds, exhibition game, 7:30 p.m., Nov. 16, Alford Sports Arena. Admission fee. xBEAR.

Performance by Mark Russell, part of the Maine Center for the Arts performance season, 8 p.m., Nov. 16, Hutchins Concert Hall. Admission fee. x1755.

17 Sunday

Anatole Wiecek Faculty Recital, part for the School of Performing Arts Music Series, 3 p.m., Nov. 17, Minsky Recital Hall. Admission fee. x1773.

18 Monday

Do-It-Yourself Database Searching Workshop for humanities and social sciences faculty, staff and students, 8:30-10 a.m., Nov. 18, Fogler Library. Registration required. x3611 or christin@maine

"Human Settlement and the Plains Environment Since 1900," by Myron Guttman, Department of History, University of Texas-Austin, part of the Wildlife Ecology Seminar Series, noon, Nov. 18, 204 Nutting Hall.

19 Tuesday

MS.Office, Integration, an Instructional Technology Mac Workshop, 9-11 a.m., Nov. 19, 111 Corbett Business Building. Registration/fee. x1638.

"Cleansing Our Store Shelves of Sweatshop Clothes: The Bangor Clean Clothes Campaign," a slide presentation by Jim Harney and other members of Peace Through InterAmerican Community Action (PICA), part of the Women in the Curriculum Lunch Series, 12:15 p.m., Nov. 19, Bangor Lounge, Union. x1228.

Poetry Reading by Poet and Storyteller Cheryl Savageau, who teaches at Holy Cross College and Clark University, part of the Franco-American Poetry Series and Poetry Free Zone, 4 p.m., Nov. 19, Honors Center. x3791.

Look Who's On Campus

Four area book artists will discuss and demonstrate their work in a presentation called "Books as Art," Thursday, Nov. 7 at the University Bookstore. Michael Alpert has been director of the University of Maine Press for a year and a half. Trained as a librarian, Alpert has been publishing books since 1979. His books incorporate original artwork, handpress printing and bookbinding. His early talents in oil painting have evolved in more recent years to woodcuts. Jan Owen is an artist who has been doing calligraphy for 18 years. In the past five years, her work has involved hanging sculptural books. Owen received a Maine Visual Arts Fellowship last year from the Maine Arts Commission. Nancy Ruth Leavitt has been making books for a decade. A calligrapher for 16 years, Leavitt creates contemporary illuminated manuscripts that are one of a kind - handlettered, handpainted, bound manuscript books. She also produces small editions of letterpress books under the name Tomato Press; under the name Persea Press, Leavitt produces miniature books. Walter Tisdale has been a book maker since 1979. As a printer/publisher, he collaborates with writers and artists, primarily printmakers. Many of the books he publishes include his original illustrations that are typographic relief prints.

Passamaquoddy master basketmaker and 1994 National Heritage Fellow Mary Mitchell Gabriel and her daughter, Sylvia Gabriel, will demonstrate their distinctive basketmaking styles as part of the Hudson Museum's "Meet the Artists" series on Friday, Nov. 8. Mary Mitchell Gabriel, a native of Princeton, was 7 years old when she first learned basketmaking from her grandmother. Her baskets are known for their strength and durability; the trademark of her distinctive style is in the braided sweetgrass handles. In 1994, Mary Mitchell Gabriel was one of 11 American folk artists - and the only New Englander - to receive a National Heritage Award from the National Endowment for the Arts. Mary's daughters also are basketmakers, including Sylvia Gabriel, who will demonstrate with her mother, and Debbie Brooks, manager of the Hudson Museum Shop.

Jill Furst, professor of art history and chair of the Liberal Arts Department at Moore College of Art and Design, will deliver a Hudson Museum lecture Friday, Nov. 8 on: "Growing Up Aztec: Or Can You Survive a Chili Fire?" Furst's areas of specialization include precolumbian art and iconography. She is the author of numerous books, including *The Natural History of the Soul in Ancient Mexico* and *North American Indian Art*, written with Peter Furst and now in its fourth revised edition. Also with Peter Furst, she wrote *Pre-Columbian Art of Mexico*, which has in German and French editions.

Johanna Sengers of the National Institutes of Standards and Technology in Gaithersburg, Md., will present a seminar Thursday, Nov. 21: "Critical and Supercritical Behavior of Ionic Systems." She also will participate in the "Women Doing Chemistry" series that features informal discussions with women scientists from industry, academia and government labs. Sengers has received many awards for her research. Most notably, she was elected to the National Academy of Sciences this year for her outstanding contributions to the physics and chemistry of fluids and fluid mixtures, including pioneering research on the behavior of a wide variety of systems near critical points. She was also elected to the National Academy of Engineering in 1992 and she received a WISE award from the Interagency Committee on Women in Science and Engineering in 1985.

People in Perspective

Loren Andrews' introduction to academia came from his father, who was in higher education prior to taking up a second career as a playwright.

"He used to say that college is 50 percent academic and 50 percent social," says Andrews. "It's a time when you're learning so much about yourself. If we all realized that, we could be better educators in a holistic sense. The focus of a campus community should not just be on academic opportunities but on all the things that can be done on campus, going beyond coursework to extracurricular activities that are part of campus life. The approach is one of broad-brush exposure to everything."

Such insight has guided Andrews' student years, first as an undergraduate at the University of Vermont and now as a graduate student at the University of Maine. And coincidentally, it is a working philosophy that now serves him well in his first semester as coordinator of UMaine's Visitors' Center.

"At the Visitors' Center, we're in the business of providing information," says Andrews. "We also coordinate campus visits and give guided campus tours. Every person who comes to campus is equally important. If they are third graders, we want them to be inspired by this neat place. We want visitors to feel they were helped in a friendly and informative way. And most importantly, for prospective students and their families, we want them to feel that UMaine is a great place to go to school."

Since it opened in July 1993, the UMaine Visitors' Center, located in the lobby of Chadbourne Hall, has greeted more than 33,000 visitors to campus. The Visitors' Center is staffed from 8 a.m.-5 p.m., Monday-Friday; 10 a.m.-3 p.m., Saturday. Tours are provided three times each weekday, twice on Saturday.

On an hourly basis, the Center staff provides directions and campus information, distributes temporary parking passes for visitors, and gives tours for prospective students and other visitors, including international dignitaries. Schools and community organizations also depend on the Visitors' Center for campus visit coordination.

For prospective students, the most requested sights to visit include the Library, Union and a room in a residence hall. Campus visitors working with the Center most often request visits to the Planetarium and Page Farm and Home Museum.

"I tell the staff that we have one of the most important jobs on campus. For most visitors, we are their first point of contact with the University. The perception that they get overtly and covertly, consciously and subconsciously, is dramatic. Being friendly, open, accessible and knowledgeable are essential."

Andrews came to the University from state politics where he served as an aide to Maine Speaker of the House Dan Gwadosky since 1987. He has worked as a graduate assistant in the Department of Public Affairs for the past year.

"I love politics and still do, but I knew eventually I needed to go back to school," says Andrews. "I've also been working on a book since 1982, and coming back to school was a way of undertaking more research. In many ways, the book is driving my academic pursuits."

A year ago, Andrews enrolled in the liberal studies program to begin his graduate work. He plans to pursue a Ph.D. in clinical psychology.

His book, now in its final stages, focuses on the philosophy of the soul and a theory of caring. In his second book, which will be his thesis, he will explore the biological, psychological and other bases behind the issues of love, soul and self-concept.



Loren Andrews (right)

Photo by Kathy Rice

Andrews' interest in people is a thread running through his writing, academic career, work in politics and now his coordination of the Visitors' Center. "The connection is, any time you're working with people, you need to be able to be friendly, outgoing and perceptive of the situation," he says.

Under Andrews' leadership, Visitors' Center student guides are urged to anticipate and understand the needs of campus visitors, whether they are prospective students and their parents, school-age children, international visitors, or interested community members.

"Students who work with me and lead tours know that they should be themselves and connect to the people coming to the Visitors' Center. Especially when greeting prospective students and informing them of the great opportunities that exist here, the tour guides are urged to be peer-like in their approach."

The seven undergraduate staff members this semester are Bill Stewart, a journalism major; Brian Fanning, education; Kristen Wallace, public administration; Larry Burningham, English; Lindsey Smith and Lynn Rommel, business administration; and Vanessa Soule, social work.

The student staff members of the Visitors' Center are trained in staffing the information desk in Chadbourne Hall and in giving campus tours. They are also experienced in handling any number of questions, from the most frequently asked – what extracurricular or social activities are available on campus? – to the most difficult concerning women's safety, and the prevalence of drugs and alcohol on campus.

When it comes to answering questions about academics, Andrews and the tour guides discuss general topics, and then make referrals to specific departments or programs. In addition, the Admissions Office is just down the hall in Chadbourne.

"As the state's premiere university, our foremost goal is to educate young minds," says Andrews. "We do that through the Planetarium that is visited by third graders, or through the Page Farm and Home Museum that is a stop on a campus visit by students from France. Everyone who comes here is equally important, even though there is emphasis on prospective students. Visitors who come here are not just here for a field trip but for an eye-opener. We are here to open their eyes to college and the possibilities. We want them to get a sense – an inkling – of what the future might be like for them. That's an important service we provide."

Center Stage

School of Performing Arts

Percussion Ensemble

The Percussion Ensemble, conducted by Stuart Marrs, associate professor of music, has been invited to perform next year at the European Summer Music Academy in southern France.

Professional musicians, amateurs and students work together at the annual academy. The academy is based in twin cities on the Rhone: Tournon and Tain-l'Hermitage. This past summer, Marrs was in France with two UMaine music students for full-scholarship study and work at the academy. That led the academy to invite the entire Ensemble for a two-and-a-half-week visit in July.

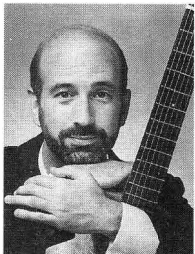
Marrs says the group will tour the region performing, then join the academy's symphonic orchestra and chorus for a production of 20th century composer Carl Orff's *Carmina Burana*.

The Ensemble is preparing for its fall concert set for 8 p.m., Tuesday, Nov. 19 in Minsky Recital Hall, Class of 1944 Hall. The program includes an arrangement for marimba quintet based on a madrigal by Claudio Monteverdi, and a percussion ensemble version of *Descargo Cubana* by Henrik Beck.

University Orchestra

The 35-member University Orchestra will give its first performance from the stage of the newly opened Minsky Recital Hall in Class of 1944 Hall Tuesday, Nov. 5.

Conducted by Anatole Wieck, associate professor of music, the orchestra will perform works by Schubert, Haydn, Telemann and Saint-Saens. Student soloists will be trumpeter Joshua Whitehouse, violinist Anna Toth, and cellist Natalie Bolton.



David Leisner

Classical Guitar Performances

The School of Performing Arts has arranged two special evenings of classical guitar in Minsky Recital Hall this week.

Thursday, Nov. 7, eight students of UMaine classical guitar instructor Keith Crook will perform works by Villa-Lobos, Albeniz and others in an 8 p.m. concert.

Two of the eight students performing will play *Asturias*, an ambitious piece by Isaac Albeniz of the Spanish Nationalist school of

artists who focused on folk traditions in their work. Six of the performers are UMaine students: Oleg Galanin, Matt Plancek, Tim Flanders, Josh Wholforth, Rich Kenefic and Robert Ford.

Then on Tuesday, Nov. 12, David Leisner, one of the nation's outstanding classical guitarists, will perform an all-Bach program. A top prize-winner in international guitar competitions, Leisner is on the faculties of the New England Conservatory and the Manhattan School of Music. He has performed solo and chamber music recitals throughout Europe and North America.

His concert will be at 8 p.m. in the Minsky Recital Hall. Leisner will perform four Bach works he arranged for guitar.

A Festival of Brass

Fred Heath, associate professor of music, will use several brass instruments to perform works by Ropartz, Barat, Strauss and others in a 3 p.m. concert Sunday, Nov. 10 in Minsky Recital Hall.

The concert will give brass players from area bands an opportunity to hear a live performance of the current audition works for the 1997 Maine All State Music Festival.

Heath will be accompanied by pianist Lillian Garwood.

Ensemble and Combo Jazz

The sounds of samba to swing will be heard at 8 p.m., Thursday, Nov. 14 when the Jazz Ensemble and Jazz Combo shake Minsky Recital Hall.

The Jazz Ensemble, conducted by Karel Lidral, associate professor of music, will perform 11 numbers, including music by jazz greats Miles Davis and Herbie Hancock. The Jazz Combo will perform six songs, including John Coltrane's *Lazy Bird*.

All the musicians are UMaine undergraduates. Twenty students are part of the Jazz Ensemble. They play saxophones, trumpets, trombones, bass, piano and drums. The Jazz Combo has seven performers — on drums, bass, alto and tenor saxophone, trombone and piano.

Oracle

Two visits to Greece helped UMaine graduate student Janet Warner-Ashley imagine the rhythm and movement of the ancient world reflected in her original dance and mime piece *Oracle*.

Fourteen actors and dancers appear in the production, which will be presented in Cyrus Pavilion Theater at 8 p.m., Friday-Saturday, Nov. 15-16 and 2 p.m., Sunday, Nov. 17.

During her trips to Greece, Warner-Ashley visited museums and archaeological sites, which she used to enable her to evoke the spirit of classical Greece, where an "oracle" was the place or medium through which deities were consulted.

In her production, the *Oracle* is a young girl (Amy MacLeod) who falls in love with a soldier (Jim Turcotte), despite the disapproval of the priests of Apollo (William Seiko Antell and Mark McDougal). The story's setting is Delphi, a city in ancient Greece that was site of a celebrated oracle of Apollo.

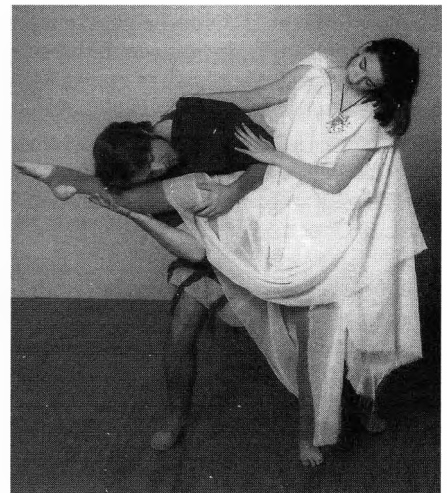
Warner-Ashley's *Oracle* combines the pageantry of Greece's golden age with an exploration of the role of women.

Eamon Roque, a UMaine student, created music for the production, while local puppeteer Jim Day designed giant puppets and masks.

A Recital of Schubert and Brahms

Cellist Diane Roscetti and violinist Anatole Wieck join pianist Cheryl Tschanz from Colby College in a performance of Schubert and Brahms at 3 p.m., Sunday, Nov. 17 on the stage of Minsky Recital Hall.

Wieck teaches violin and viola. Roscetti, associate director of the School of Performing Arts, teaches cello and heads the chamber music program. Tschanz has received numerous prizes at international piano competitions, including first prize in the Cleveland Orchestra Competition.



Jim Turcotte and Amy MacLeod in *Oracle*

Cypriot U.N. Ambassador to Speak as part of Culturefest

Culturefest '96, the renewal of the annual University of Maine celebration of cultural diversity, is scheduled for Saturday, Nov. 9 and will include a lecture by Nicos Agathocleous, Cyprus' ambassador to the United Nations.

Ambassador Agathocleous will discuss, "The United Nations and Prospects for Conflict Resolution," at 11 a.m. in Hauck Auditorium.

"We are delighted that the ambassador will be able to join us for Culturefest," says Karen Boucias, UMaine's director of International Programs. "His perspective on the history of the United Nations and its peacekeeping initiatives will add significantly to the event, which we see as an important means for the University to share its rich diversity with the campus and local community."

Some 450 students and scholars from 70 foreign countries study or teach at UMaine, helping to make the University one of the most culturally diverse communities in Maine.

The Culturefest schedule of events follows. Unless otherwise noted, events will be held in Hauck Auditorium.

- ▼ 10:15 a.m. Opening Ceremony, by American Indians at UMaine
- ▼ 10:45 a.m. Welcome by Karen Boucias, International Programs
- ▼ 11 a.m. "The United Nations and Prospects for Conflict Resolution," a lecture by Nicos Agathocleous, Cyprus' ambassador to the U.N.
- ▼ noon-2 p.m. Talent Show, with performances by UMaine students
- ▼ 2-3:30 p.m. Style Show, featuring ethnic clothing
- ▼ 3:30-5 p.m. The Bernard Tshimangoley Band, performing African dance rhythm music, in the Damn Yankee

Ongoing Events

- ▼ Exhibits from various countries and cultural groups, all day in Union
- ▼ Sale of culturally diverse foods, 10 a.m.-2 p.m., Damn Yankee
- ▼ Children's activities and demonstrations, 11 a.m.-1 p.m., Nutter Lounge, presented by students in UMaine's Global Links program.

ISIS *continued from page 2*

course was taught in spring 1993. The following year, the program received a two-year grant from the National Endowment for the Humanities and National Science Foundation to provide faculty development and seminars exploring interdisciplinary studies. The grant proposal, written by Petrik, enabled the development of the three new ISIS courses. World in Balance: Population and the Environment, was offered in fall 1995; last spring, the classes offered were Bodies of Power: Legitimacy and the State, and The Mind's Eye: The Brain, Consciousness and Understanding. The latter course will be offered again this spring by a team led by Owen Smith of the Art Department. Ages of Discovery and World in Balance are planned for fall 1997.

Since its inception, ISIS has involved 24 UMaine faculty and more than 300 students. Each class meets twice weekly, once in a lecture setting, and again in small group discussions facilitated by faculty. "The main objective is to get students involved in those Thursday discussions," says Moring. "That is the opportunity to get into detail, to hear different perspectives and learn even more about how the world is interrelated. Students appreciate seeing things in a different light and hearing dissenting views, even among faculty who have opposing opinions."

ISIS courses are designed for first-year students, providing a "menu of opportunities" especially pertinent for those students trying to make informed decisions about the major they would like to pursue. The courses count toward fulfillment of the



The 1996 Combined Charitable Appeal for University Employees is now a month into its campaign. The Appeal this year is co-chaired by Kathie Moring and Cindy McMann. Some of the team leaders for the campaign are pictured above. They are, front row, left to right, Bob Whelan, Margaret Rocheleau-Shina, Judy Round, Barbara Deshane and Fran Griffin; second row, left to right, Vicky King, Candace Jordan and Diane Avery; third row, left to right, Angel Hildreth, Moring and McCann. CCAUE 1996 has a goal of \$70,000.

Photo by Monty Rand

BANANAS ON THE DISNEY CHANNEL

Fans of Bananas, the UMaine mascot, will want to tune into the Disney Channel Sunday, Nov. 10, 6:30 p.m., to watch the "Bear Adventures" episode of the National Audubon Society's Animal Adventure television series. Film clips of Bananas are being used in the show on bears that talks about how we "associate ourselves with their power," and how they "fire us up." Bananas had no comment on his new-found fame.

University's General Education Requirements, and three can be used toward required demonstration of writing competency.

"We have found that students have many majors from which to choose, but a number of students come to the University undecided, or they have a major but it's not hard and fast in their first semester," says Moring. "In interdisciplinary courses like this, they learn interesting aspects about a number of academic areas. We also stress a lot of writing, an emphasis that gets them going on college writing and addressing any problems early-on."

While UMaine was not the first to create such a series of integrated courses, it has taken on a national leadership role. Faculty involved in ISIS have been writing and consulting with colleagues at other universities about the process, and last year Petrik gave an invited presentation about the University's interdisciplinary efforts at an NEH project leaders' meeting in Washington, D.C.

The hope is that one day ISIS will be expanded campuswide to include faculty from all the colleges and a full "interdisciplinary menu of courses" from which students could choose. Organizers note that, ideally, one interdisciplinary course would be required of all students graduating from the University.

"It is very much part of the liberal education philosophy," says Moring. "The idea is when a student graduates from Maine, he or she is fully educated – not just trained in a field." ▲

The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Science Educators Capture National Attention

A science education unit developed at the University of Maine's Laboratory for Research in Physics Education has received high marks from the National Science Foundation for meeting standards designed to improve the way science courses are taught in middle school. The unit was one of two selected from Maine to be presented at a national meeting of the New Standards Project at the University of Pittsburgh last summer.

Randal Harrington, assistant professor of physics and education, worked with Chris Chilelli, Orono middle school teacher, to plan and conduct the unit which focuses on kinematics, the study of motion. Using an approach called Physics by Inquiry, the unit guides sixth grade students through a series of exercises. Finally, they interpret their findings by making their own videos, graphs and charts.

Among the examples of motion captured by students in their videos were skateboarders, a galloping horse, a hamster rolling inside a ball and a dummy thrown from the roof of a building. As a result of their work, the sixth graders did better on several key parts of a motion diagnostics test also given to eighth graders who received more traditional instruction on motion.

Harrington, a former middle school teacher, says the project demonstrates the importance of using the students' own ideas and personal experiences in a carefully structured curriculum. "I think the most important thing for an instructor is to be able to look from the view of the student. It takes a lot of effort to do that. Students are not smaller or younger versions of ourselves. They're different. We can't extrapolate from our own experiences to what the student is going to experience," he says.

Harrington's approach stems from graduate work he did at the University of Washington. He continues to collaborate with Lillian McDermott and other colleagues at UW to apply the same approach to a UMaine introductory physics course for non-science majors.

"We know that when you stand up in a lecture hall, very little learning takes place. When we look at this carefully and do research, when we go in and interview students and do a conceptual test to see what they learned, we're shocked. They're not learning what we thought."

The Physics by Inquiry approach begins with what students already know. Through interactive tutorials designed around carefully selected questions, students work in small groups to make observations and interpret their results.

"It's not an open inquiry. It's not a discovery lab. The key to it is having really good questions and knowing exactly what it is that we want to get done," Harrington stresses.

The Laboratory for Research in Physics Education is funded by UMaine and the NSF-supported State Systemic Initiative.

A Bevy of Blueberry Benefits

Researchers in the Department of Food Science and Human Nutrition have been grinding, straining, freezing and drying blueberries in an attempt to make them perform in foods from low-fat brownies to new beverages.

The work is being done by professors Alfred and Rodney Bushway and Mary Ellen Camire and their students. The Maine Blueberry Commission and the U.S. Department of Agriculture have provided funding through the Maine Agriculture and Forestry Experiment Station.

Blueberries are one of Maine's most valuable agricultural crops and generate about \$100 million in revenues annually. Maine accounts for one-quarter of all the wild and cultivated blueberries harvested in North America. The industry now provides about 10,000 mostly seasonal jobs in Maine.

One of the most promising areas of research concerns the use of blueberry puree made from berries culled during processing. Camire and her students have substituted puree for the usual cup of oil in off-the-shelf chocolate and spice cake mixes. Brownies were also made from scratch. In consumer taste tests, the cakes and brownies made with blueberries received slightly lower average taste ratings than products made with oil, but they were still rated "good" or "very good" by majorities of consumers.

Just as importantly, use of the blueberry puree reduced fat concentrations by half in the spice cake and about a third in the other two foods. One drawback for some uses may be the tendency for the puree to add color to the final products.

Camire and Elif Belbez, a doctoral candidate in the Department, are also evaluating the taste of puree itself to determine how it might affect other foods. They also are evaluating the potential for blueberries to supply the commercial food industry with fiber and pectin. A blueberry beverage was developed from juice removed from berries during the production of dried berries for cereal.

In other research, Al and Rod Bushway are studying the effects of growing and processing methods on the chemical and microbial qualities of blueberries. In general, sanitation methods and regulations on pesticide application appear to be doing a good job. Chemical tests showed that pesticide residues are either not detectable or extremely low and well within federal safety guidelines. Rod Bushway also noted, however, that new government policies may reduce allowable concentrations in the future.

Along with Camire and Susan Cheney, a graduate student, Al Bushway is also developing a rapid enzyme-based test to predict which lots of blueberries could cause a decrease in the viscosity of refrigerated blueberry muffin batter and pie filling. According to Bushway, this problem is related to an enzyme produced by microorganisms associated with blueberries and has been reported sporadically by bakeries using both highbush and lowbush blueberries.

Testing can help processors identify batches which might cause problems, but currently available tests take several days and are thus impractical under industry conditions. A new test can cut that waiting time to two hours and may be available for commercial use in the summer 1997.

Al Bushway, Camire and graduate student Huanli Zhang are developing methods to prevent blueberries from bleeding into muffin mixes and other bakery products. Research by Darrell Donahue, assistant professor of bio-resource engineering, is examining methods to apply gums in a processing line to prevent such bleeding.

Oral Exams

"Scalar Investigations on the Decomposition of Red Spruce Sapwood by Basidiomycete Fungi: Matrix, Crystals and Cations," by Jon Connolly, candidate for Ph.D. in plant science, 10:15 p.m., Nov. 6, 101C Deering Hall.

"The Role of Public Self-consciousness and Conformity in Females' Judgments of a Rape Victim," by Marc Lindner, candidate for Ph.D. in psychology, 2 p.m., Nov. 15, MEE Room, Little Hall.

In Search of the Lo



For the past three years, Barry Rodrigue has been on the road, in search of an ancestral trail as elusive in its historical documentation as it is essential to understanding

the frontier heritage of Maine and Quebec.

His quest to discover the history of the Canada Road, the primary land route between Lower Canada and Maine in the first half of the 19th century, has taken him to the deep Maine woods and along paved highways, to the livingrooms of local residents and to library archives from Quebec City and Ottawa to Washington, D.C. He searches for clues to the past at archaeological sites and in historical society records. His tools for unearthing an all-but-forgotten chapter in history include 19th century maps and surveyors' notes, coupled with some of the most modern technology such as Mapinfo, and Geographic Information System software and Global Positioning System satellite networks; once top-secret War Department documents, and private letters and ledgers; oral histories of elders who are the last keepers of frontier folklore and family histories, and writings by such famous writers as Nathaniel Hawthorne.

For Rodrigue, a graduate student at the University of Maine and the Université Laval, this journey is as historically significant as it is personal. Among the thousands of migrants who came south along the roughly 100-mile trail from St.-Georges-de-Beauce to Bingham from 1800-1860 were some of Rodrigue's French Canadian ancestors. Rodrigue's work is shedding new light on the early history of the state's Franco population, as well as on the frontier chronicles of Quebec and Maine. The Canada Road, it turns out, was a two-way street, not only bringing migrants to Maine – and back home again – but also being used as a thoroughfare for commerce by Yankee settlers and traders seeking markets across the border, and use by Yankee migrants travelling north to settle in Quebec and Canada.

"It is an era in which there are not many written records on the frontier region of Maine and Quebec," says Rodrigue, who began his third archaeological season on the Canada Road this summer, with his main field camp at the Northern Outdoors Lodge in The Forks. "That's when you have to make the land speak to you."

The Canada Road, built from 1815-18, was the modern overland derivative of a system of water and portage routes linking the Chaudiere River in Quebec with the Kennebec River in Maine. It snaked through the wooded hills on a course used for centuries by indigenous peoples traveling between the St. Lawrence River and the Atlantic Ocean. Construction of the Grand Trunk Railway in 1853 eventually usurped the Canada Road as a main transportation route.

Today, an estimated 75 percent of the landmarks are gone along the Canada Road, says Rodrigue. What remains are clues like cellar holes that can be measured "to get idea of what the structures were like and where the road was."

"So little is known about the pre-1860 era," says Rodrigue. "People tend to write on the history of the times in relation to central, core regions like Boston, New York, Quebec and Montreal, largely disregarding what was happening on the frontiers. In reality, the frontiers had a significant impact, not in terms of wars but in terms of the people and their lives. They are people like those who lived in the Beauce region who came to Maine to work on capital improvement projects like the Kennebec dam and the capitol in Augusta. They were working here and taking income back to develop their own fron-

tier lives. Now that we know more about who they were and what they did, the next step in our research will be to try and learn more about how their money was invested."

The Canada Road project has captured the imaginations of citizens and the attention of international media. The University of Maine was the first to issue news of Rodrigue's project. Maine Public Radio then covered Rodrigue's work on the Canada Road in summer 1994. When the Associated Press picked up the story, news of Rodrigue's research went international that fall. The CBC sent a camera crew out to cover his work for a story on its coast-to-coast Prime-Time News program. *Canadian Geographic* subsequently spent two days on the Canada Road with Rodrigue and researchers from Université Laval. *National Geographic* is now interested in the project. This fall, Maine Public Television and the CBC are both expected to film new features on the Canada Road.

Rodrigue recently petitioned the Quebec, Canadian, U.S. and Maine governments, as well as their respective park services, to consider making the Canada Road an international park similar to one that exists in Alaska. It could be modeled after the Chilcot Trail's Goldrush Park that links Alaska to the Yukon Territory. In the Northwest, the French Canadian migration was similar to that which had occurred in Maine earlier in the century. The Canada Road could be a historical park with the archaeological sites as points of interest, all connecting the Appalachian Trail to the Trans-Canada Trail for a marvelous historic and hiking experience, says Rodrigue, who has led a number of tours, including members of historic societies from Quebec and scholars from throughout Canada.

"Far from an ego trip, all this publicity has proven to be an effective tactic in acquiring more research information. With a wider net cast in letting people know this research is ongoing, people are now contacting me rather than me trying to seek out leads to the history all over the continent," says Rodrigue. "Now I get letters from the most remote places. Each of these publicity sprees brings in a ton of information."

Among the correspondence was a letter Rodrigue received from a chief inspector with the Royal Canadian Mounted Police in British Columbia. The man wrote of the movement of his family and that of three other families from the Beauce Region in Quebec to Alberta and other points in the Northwest around 1880, indicating that there was a wider migration experience than just the popularly understood migration from the Beauce to New England even at the end of the last century. Rodrigue's forebearers – his great-great-great grandparents – moved from the Beauce Region in Quebec to Maine around 1825-35. As working people, they moved where the jobs were – Skowhegan, Bath, Orono and Augusta over a 50-year period.

One letter from a mining engineer and UMaine grad from Colorado arrived bearing a detailed description and map of a section of the Canada Road around The Forks and, in



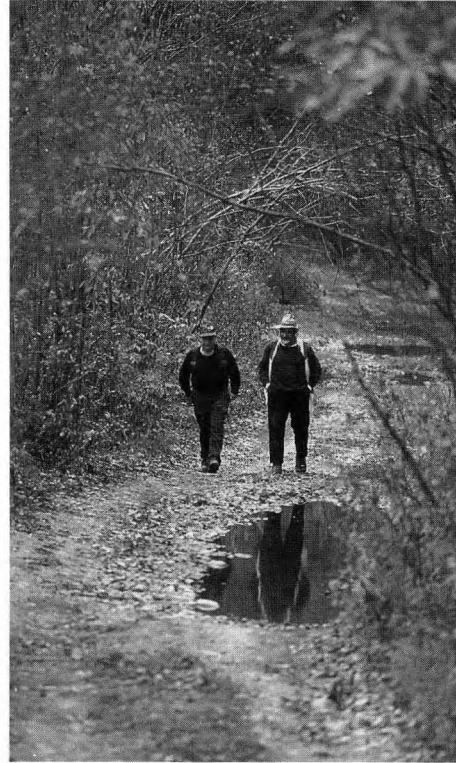
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Historic Preservation Commission. The state database system
contains information concerning Maine historic archaeology sites,
including those being researched on the Canada Road. Rodrigue
sends site information via the Internet from Quebec City.

rate), he accepted a ride in a pickup truck owned by Harry Melcher of
Bingham. Together, the two proceeded to the area where the elder
man's family homestead once stood. Among the stories Rodrigue
heard that day was a ghost tale about Melcher's family. It seems a
great uncle and a friend were hunting in the area when they came
upon a clearing. There they heard a bugle blow and took off running.
It was the ghost of a fallen Civil War soldier who, as legend had it,

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Ruth Reed of Jackman and Elaine Moore of Moose River, photo upper left, are among the many informants crucial to Barry Rodrigue's search for the history of the Canada Road. Photos lower left and center, Rodrigue takes notes in Durgin Corner Cemetery in the West Forks, the family burial ground of informant Harry Melcher of Bingham, together they walk along the old roadway. Some of Melcher's relatives were Civil War veterans; Melcher is a WW II veteran & an ex-POW. At right, Rodrigue pauses on one of the few remaining stone foundations along the Canada Road.

Photos by Monty Rand

ing-Lost Canada Road

particular, Concord Plantation and the archaeological site of The Old Silver Mine. As a boy growing up in Pleasant Ridge, Dick Rollins often traveled along the remnants of the Canada Road with family members, and at the abandoned mine collected samples that he kept through the years and has since had assayed. The resulting data from the mine samples now helps fill out Rodrigue's archaeological field report.

Yet another clue as to the history of the Canada Road came in a phone call referred to Professor of Anthropology Alaric Faulkner from a New York art dealer who described a painting he had of a customs house that once stood along the route. Up to that time, there were no illustrations of the structure from the early 1800s. This also is the only illustration from the frontier region of western Maine from this time period, except for a cache of surveyors' watercolors that Rodrigue has discovered in the National Archives in Washington, D.C., that tend to be of wilderness rather than settled regions. The site of the customs house had been archaeologically inventoried but most other points of reference for the structure had long-since been destroyed. The painting, reconstructed by Faulkner and associated with the site, not only shows the customs house but other structures in the surrounding area that have proven important for archaeological reconstruction.

Faulkner maintains the Maine Historic Archaeological Sites Inventory that he co-founded with Robert Bradley of the Maine Historic Preservation Commission. The state database system contains information concerning Maine historic archaeology sites, including those being researched on the Canada Road. Rodrigue sends site information via the Internet from Quebec City.

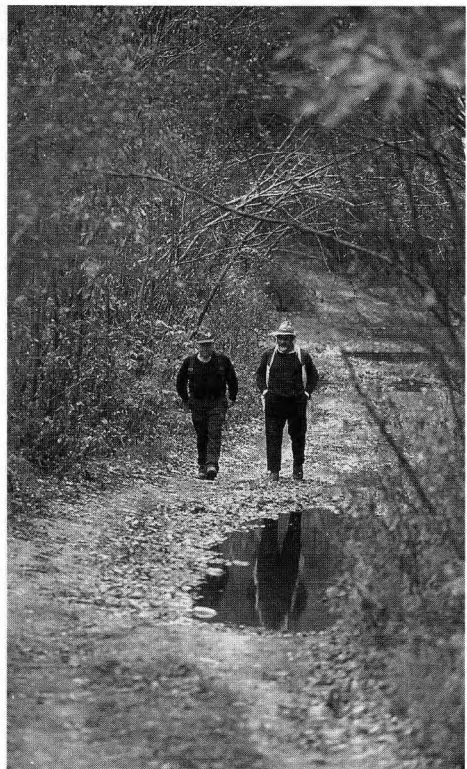
One of the most memorable clues to the life of the Road was found by Rodrigue in the National Archives in the form of a top-secret War Department document concerning an 1838 U.S. invasion plan of Lower Canada and New Brunswick. The 21-page report outlined invasion routes through Maine, as well as instructions for inciting locals to fight the British. In addition, he found letters from the War Department to officers, instructing them to make sketches of the area while vacationing in Quebec, as well as the sketches themselves.

Rodrigue has found that his fact-finding quest, which early-on included posting information "wanted" flyers in French and English from Bath to Quebec City, has succeeded in building good rapport with members of the local communities. It is of interest, he says, because this history is their history.

"This is not the history of some dead white guys," says Rodrigue. "That's why informants take me into the fields and tell the stories of their great-great uncles and aunts. With each small story we add to the big picture."

A typical day for Rodrigue last fall included a drive along a tote road on the west side of the upper Kennebec River on a roadway long-since abandoned to the wilderness. When the bumpy path claimed the underpinnings of Rodrigue's car (his second car to meet such a fate), he accepted a ride in a pickup truck owned by Harry Melcher of Bingham. Together, the two proceeded to the area where the elder man's family homestead once stood. Among the stories Rodrigue heard that day was a ghost tale about Melcher's family. It seems a great uncle and a friend were hunting in the area when they came upon a clearing. There they heard a bugle blow and took off running. It was the ghost of a fallen Civil War soldier who, as legend had it,

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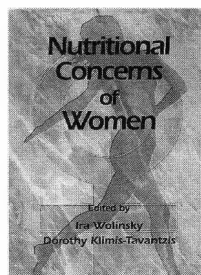


Moore of Moose River, photo upper left, are among the many informants crucial to Barry Rodrigue's search for the history of the Canada Road. Photos lower left and right show the family burial ground of informant Harry Melcher of Bingham, together they walk along the old roadway. Some of Melcher's family is a WW II veteran & an ex-POW. At right, Rodrigue pauses on one of the few remaining stone foundations along the Canada Road.

Photos by Monty Rand

V O L U M E S

Recent Works by University of Maine Authors

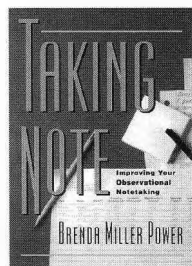


Nutritional Concerns of Women
 Edited by Ira Wolinsky and Dorothy
 Klimis-Tavantzis
 (CRC Press, Boca Raton 1996)

Nutritional Concerns of Women is a collection of comprehensive review chapters written by recognized health experts – both practitioners and researchers. The volume includes in-depth information from all major women's nutrition areas, including timely topics such as women's perception of nutrition, nutrition and cardiovascular disease, nutritional factors of cancer in women, nutritional implications of premenstrual syndrome, nutrition and the female athlete, and nutritional issues of women in the military.

The volume also tackles touch issues surrounding the sometimes controversial and confusing Recommended Dietary Allowances (RDAs) for women, and provides guidance on these and other nutritional recommendations. The information provided facilitates the integration of women's health issues and nutrition into guiding principles for everyday life.

Nutritional Concerns of Women is edited by Ira Wolinsky of the University of Houston Department of Human Development, and Dorothy Klimis-Tavantzis of the UMaine Department of Food Science and Human Nutrition. Together the researchers wrote the chapter in the book titled: "Nutrition, Cardiovascular Disease and Women." The volume is part of the CRC Series in Modern Nutrition, dedicated to explaining, reviewing and exploring present knowledge and recent trends, developments and advances in nutrition. Klimis-Tavantzis also is the editor of *Manganese in Health Nutrition*, which is part of the CRC Series.



Taking Note: Improving Your Observational Notetaking
 By Brenda Power
 (Stenhouse Publishers, York, Maine 1996)

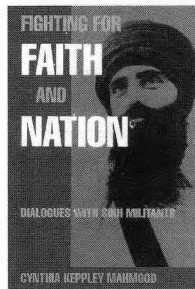
Teachers who plan to keep anecdotal records in the classroom, who struggle to write thoughtful comments on report cards, or who want to begin a research study in the classroom will be *Taking Note*. *Taking Note:*

Improving Your Observational Notetaking is a handbook "for the well-intentioned but overwhelmed teacher" who need and want to keep careful notes on student learning.

This is a practical guide designed to show new notetaking strategies that not only will be part of keeping thoughtful records of student learning, but will help teachers organize and be even more efficient.

Through examples from teachers at all grade levels, *Taking Note* details the step-by-step process of examining existing notes, breaking old habits, managing time and materials so observations are possible, and coding notes for later use in assessment and research.

Taking Note is the fifth book of Brenda Power, associate professor of literacy education. She is the co-founder of *Teacher Research: The Journal of Classroom Inquiry*.



Fighting for Faith and Nation: Dialogues with Sikh Militants
 By Cynthia Mahmood
 (University of Pennsylvania Press 1996)

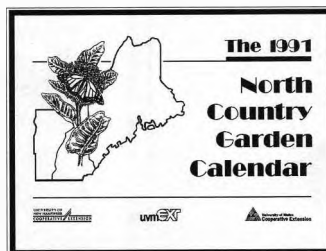
The ethnic and religious violence that characterizes the late 20th century calls for new ways of thinking and writing about politics. Listening to the voices of people who experience political violence – either as victims or as perpetrators – provides new insights into the sources of violent conflict and the potential for its resolution.

In this narrative ethnography, Associate Professor of Anthropology Cynthia Mahmood goes beyond labels such as "fundamentalism" and "terrorism" to show the complex and multifaceted human experience of political violence. Drawing on her extensive interviews and conversations with Sikh militants, she presents their accounts of the human rights abuses they suffer in India, as well as their explanations of the philosophical tradition of martyrdom and meaningful death in the Sikh faith.

While demonstrating how divergent the world views of participants in a conflict can be, *Fighting for Faith and Nation* also gives reason to hope that our essential common humanity can provide grounds for a pragmatic resolution of conflicts like the one in Punjab, which has claimed tens of thousands of lives in the past 15 years.

Mahmood explores the cultural contexts and moral environments of violence, providing the theoretical and methodological tools for understanding the politics of violence and militancy, and the troubled concepts of nation and freedom. Most important, said one reviewer, is Mahmood's "sensitive and responsible approach to difficult and contentious issues – to matters, literally, of life and death."

Fighting for Faith and Nation is Mahmood's second book. Most recently, she was appointed editor of a new University of Pennsylvania Press book series: "The Ethnography of Political Violence."



The 1997 North Country Garden Calendar is now available from University of Maine Cooperative Extension. The calendar is a joint project of the Cooperative Extensions of Maine, New Hampshire and Vermont. It is now in its fourth year.

For this calendar, Extension wildlife specialists have joined specialists in fruits, vegetables and landscape gardening to provide helpful tips or reminders listed each day in the calendar. Each month provides a full-page, illustrated article on topics of interest to home gardeners – from attracting wildlife, butterflies and hummingbirds to avoiding invader plants and selecting holiday trees and greens.

Calendars are \$5 and available on campus by contacting the Extension Forestry Office, 107 Nutting Hall, x2892.



Kristin Sobolik, assistant professor of anthropology and quaternary studies: "Sex Determination of Prehistoric Human Paleofeces," *American Journal of Physical Anthropology*, 101:283-290 (1996). This article is co-authored with Kristen Gremillion (Ohio State University), Patricia Whitten (Emory University), and Patty Jo Watson (Washington University).

Russell Quaglia, director, National Center for Student Aspirations and associate professor of education: "Let's Put Student Aspirations in the Driver's Seat," *Think: The Magazine On Critical & Creative Thinking*, 7:1 (October 1996)

Professors **Pushpa Gupta** and **Ramesh Gupta**, and assistant professor **S. Lvin**, Department of Mathematics and Statistics: "Analysis of Failure Time Data by Burr Distribution," *Communications in Statistics*, 25(9):2013-24 (1996).

Colin Martindale, professor of psychology, and Paul Tuffin, Department of Classics, University of Adelaide: "Homer is the Poet of the *Iliad*, Then He May Not be the Poet of the *Odyssey*," *Literary and Linguistic Computing*, 11:109-20 (1996).

Michael Palmer, associate professor of political science, a review of Susan Orr's *Jerusalem and Athens: Reason and Revelation in the Works of Leo Strauss*, in *The American Political Science Review* 90(2):412-13 (June 1996). Also, with James Pontuso, William Elliot, Hampden-Sydney College, Virginia: "The Master Fool: The Conspiracy of Machiavelli's *Mandragola*," *Perspectives on Political Science* 25(3):124-32 (Summer 1996).

Sandra Sigmon, assistant professor of psychology, along with **Lisa Hotovy** and **Peter Trask**, graduate students in psychology: "Coping and Sensitivity to Aversive Events," *Journal of Psychopathology and Behavioral Assessment*, pp. 133-51 (1996).

Tsutomu Ohno, associate professor of soil chemistry, and **Bradley Crannell**, former graduate student: "Green and Animal Manure-derived Dissolved Organic Matter Effects on Phosphorus Sorption," *Journal of Environmental Quality*, 25:1173-1143 (1996).

Daniel Sandweiss, assistant professor of anthropology and quaternary studies: "Environmental Change and its Consequences for Human Society on the Central Andean Coast: A Malacological Perspective," *Case Studies in Environmental Archaeology*, ed. by E.J. Reitz, L. Newsom, and S. Scudder, pp. 127-146, New York: Plenum Publishing (1996). In addition: "The Development of Fishing Specialization on the Central Andean Coast," *Prehistoric Fishing Strategies*, ed. by Mark Plew, pp. 41-63, Boise: Boise State University.

Engineering Awards *continued from page 2*

Civil and Environmental Engineering's Outstanding Professor Award, and has received the Maine Distinguished Professor Award and the Carnegie State of Maine Award.

The College's 1996 Graduate Teaching Award has been presented to Sandra Duchesne, who started her graduate studies in the Civil and Environmental Engineering Department in 1995. Duchesne, who received her bachelor's degree in civil engineering from UMaine in 1993, has worked professionally as an engineer, and is a naval officer. As a teaching assistant, she demands professional standards in the laboratory; in response, students respect her demands and evaluate their own standards. Her teaching style encourages students to ask questions. Students appreciate her no-nonsense approach to grading and returning assignments as quickly as possible – feedback students then apply in subsequent labs. Such credibility and responsibility with students is the essence of being a TA, according to her award citation.

Receiving the Leila C. Lowell Award in the College of Engineering was Janice Gomm, secretary/administrative aide I in the Electrical and Computer Engineering Department. She was cited for her many contributions to the Department, including maintenance of graduate program records, organization of displays, coordination of administrative details on two NSF-sponsored student training programs, and assistance to students and faculty. She is "an extremely valuable and valued member of the Electrical and Computer Engineering Department team." ▲

UMaine Extramural Awards

With a \$88,154 grant from the Maine Department of Mental Health, Mental Retardation and Substance Abuse Services, **Debbie Gilmer** of the Center for Community Inclusion, University Affiliated Program, is conducting a project: "Facilitated Communication in Maine." This project provides up-to-date information on current best practices, introductory and advanced workshops on the Facilitated Communication technique, resources regarding theoretical and practical components and ongoing support to a network of resource persons who provide local education and support to other facilitators.

With a \$71,952 grant from the U.S. Department of Energy, **Robert Lad** of the Department of Physics and Astronomy and the Laboratory for Surface Science and Technology is conducting a project: "Synthesis, Characterization and Mechanical Behavior of Binary and Ternary Oxide Films." The objective of this research is to understand the fundamental physics and chemistry of carefully prepared thin film oxides and to determine the effect of different synthesis and processing conditions on the resulting film and interface microstructure and mechanical properties. Some of the experiments will be done in collaboration with J.C. Barbour at Sandia National Laboratories, Albuquerque, New Mexico. The award is the first of a three-year grant.

With a \$139,731 grant from the Defense Mapping Agency, **Alfred Leick** of the Department of Spatial Information Science and Engineering is conducting a project: "Monitoring GLONASS Observables." During a sabbatical leave from UMaine, the researcher will work with 3 S Navigation, Inc. of Laguna Hills, California on the development and testing of technology to process information from a multi-satellite Russian earth observing system known as GLONASS. Government agencies, research institutes and other professional organizations are considering a combination of the Russian and U.S. systems into a single Global Navigation Satellite System.

With a \$96,885 grant from the U.S. Environmental Protection Agency to **Steve Kahl** and **Steve Norton**, the Water Research Institute is conducting sample and data analysis for the EPA Environmental Monitoring and Assessment Program, surface waters component. This is the sixth year that the WRI laboratory has been the national water chemistry laboratory for the flagship EPA program EMAP. The scope includes sample analysis and data evaluation for samples collected nationwide. Working with EPA, the WRI has developed two new analytical methods as well as key data evaluation protocols. The work has included collaboration with EPA scientists on several publications and presentations using EMAP data.

WINTER PARKING RULES IN EFFECT

The University of Maine's winter overnight parking ban will be in effect through May 1, according to the UMaine Department of Public Safety. All faculty, staff and commuter parking areas are closed to overnight parking during this period each year. No vehicles may be parked in these lots between midnight and 6 a.m. Individuals with questions should consult a parking map or call the Parking Office, 581-4047, or the Public Safety dispatcher, 581-4040. A vehicle parked in violation of the ban will be towed at the owner's expense.

DEADLINE FOR WITHDRAWING FROM THE UNIVERSITY

Deadline for withdrawing from the University at the end of the second third of the semester is Thursday, Nov. 7 at 4:30 p.m. Students who are considering withdrawal from the University should report to Dwight Rideout, dean of Student Services, Memorial Union for information about the correct procedure. Before making a final decision, however, students are urged to explore all possible options which might help them to complete the semester. Withdrawals from the University during the second third of a semester of classes will result in having courses listed for the current semester at 'W.'



Stuart Bullion, associate professor of journalism, gave a presentation on journalism education in the United States as an invited participant in a faculty seminar at Université Laval in Quebec, Oct. 3-4. The 20 seminar participants represented journalism and communication faculties at schools in Quebec, Montreal, Paris, Bordeaux and Strasbourg. Bullion, who made his presentation in French, was one of only two American journalism educators invited.

Cyriacos Markides, professor of sociology, was invited by the Board of Governors of the International Institute of Integral Human Sciences (IIHS), to become an Honorary Fellow of the College of Human Sciences, the professional membership of the IIHS. This honor is "extended only to distinguished persons in their fields from throughout the world who already have made an outstanding contribution to the cause of the integral human sciences." IIHS is a non-governmental organization affiliated with the United Nations.

Oct. 17, **George Markowsky**, professor of computer science, presided over the Maine Software Developers Association Legal Night, which featured intellectual property rights. He also spoke to the Maine Software Developers at the monthly breakfast held in Bangor. The topic of his talk: "The Future of the Software Business in Maine."

Daniel Sandweiss, assistant professor of anthropology and quaternary studies, gave an invited lecture: "Geoarchaeology in Peru," at the Symposium in honor of Arthur ... Bloom, Cornell University, Oct. 12. Bloom, a geologist who just retired from Cornell, received an honorary degree from UMaine last May for his contributions to understanding the glacial history of Maine. Sandweiss also presented another invited lecture: "The Prehistory of El Niño: A Geoarchaeological Perspective," in the Global Change series at Yale University, Oct. 14.

David Field and **Steven Sader**, professors of forest resources, participated in the Northeast Regional Meeting of the National Council of the Paper Industries for Air and Stream Improvement (NCASI) in Boston, Oct. 17. Field presented: "Economic Impacts of the Green Referendum," and Sader presented: "Landscape Scale Effects of the Maine Forest Practices Act," in a special session on Forest Resource Assessment Issues.

Sept. 27, **Deborah Rogers**, professor of English, attended the 20th Annual Conference of the Northeast American Society for Eighteenth Century Studies, held at the College of the Holy Cross, Worcester, Mass. There, she presented a paper: "The Bicentennial of Ann Radcliffe: *The Italian*," and chaired, commented on, and organized two sessions.

John Riley, professor of bio-resource engineering, presented a paper: "Shipping & Handling of Live Lobsters," at a Conference on Marketing & Shipping Live Aquatic Products in Seattle. The paper was co-authored by assistant professor **Darrell Donahue** and graduate student **Gulni Ozbay** in the Department of Bio-Resource Engineering, and professor **Robert Bayer** of the Department of Animal, Veterinary & Aquatic Sciences.

Diane Roscetti, associate director of the School of Performing Arts, participated in roundtable discussions at the National Association of Music Executives of State Universities Conference, Oct. 6-10, Mount Washington Hotel, New Hampshire. There was one representative from each state in attendance.

Max Egenhofer, associate director of the National Center for Geographic Information and Analysis, associate professor in spatial information science and engineering, and cooperating associate professor in computer science, attended the Sixth International Workshop on Foundations of Models and Languages for Date and Objects, held at Dagstuhl, Germany. He presented the paper: "Multi-resolution Spatial Databases: Consistency Among Networks," co-authored by **Nectaria Tryfona**, post-doctoral research associate with the National Center for Geographic Information and Analysis, and was discussant in a session on Consistency of Cooperative Software Development.

At the Centre for Medieval and Renaissance Studies' thirtieth anniversary conference: "Writing Cultures/Making Cultures: Sites, Stages, and Scenarios at Medieval Studies," held in Binghamton University, Oct. 18-19, **Michael Grillo** presented his paper: "Trecento Semeiotics of Painting."

Mary Brakey, associate professor of nursing, presented a paper: "Role-taking as an Antecedent to Modeling and Role-modeling: Clinical and Teaching Implications," at the Sixth National Conference on Modeling and Role-modeling co-sponsored by Metropolitan State University, School of Nursing, St. Paul, Minn., Oct. 4-6.

Yan Kit Tam, zoology grad student, and **Irv Kornfield**, professor of zoology, presented a poster: "Phylogenetic Relationships Among Clawed Lobster Genera (*Decapoda*:"

Nephropidae) Based on Mitochondrial DNA," at the annual meeting of the New England Molecular Evolutionary Biologists, Oct. 19, Durham, N.H.

Michael Palmer, associate professor of political science, attended the annual meeting of the American Political Science Association in San Francisco, Aug. 29-Sept. 1, where he was elected secretary-treasurer of the Politics and Literature Organized Section of the APSA.

Patricia Dooley, assistant professor, communication & journalism, gave an invited panel presentation: "Journalism as Occupation in 18th Century Canada and America," at the annual convention of the American Journalism Historians Association, Oct. 3-5, London, Ontario.



He filed, bored and made the wood chips fly. When he was done, Eric Hoar, a UMaine senior in forest management, had taken first place in the Husqvarna Collegiate Game of Logging, a national chainsaw logging competition held in Ohio last month. Hoar, 29, a Winthrop native, outscored 24 competitors from 13 colleges and universities to win the championship and \$1,000 prize.

"The focus is on skill and safety," he says. "We had to demonstrate proper felling techniques and show that we could make precise cuts with the saw."

Other participants came from schools such as the University of New Hampshire, University of Massachusetts-Amherst, Penn State and the University of Wisconsin.

Hoar and another UMaine student, Sam Horton, traveled to Ohio with Chuck Simpson, manager of the UMaine woodlands. Support for their expenses came from Great Northern Paper, Louisiana Pacific Corp., and James River Timber Corp., of Old Town.

The all-day competition is based on chainsaw safety techniques used in forestry programs around the United States. Ten events involving specific types of cuts culminate in a tree felling competition. Competitors must drop a tree into a specific area and at a pre-determined distance from the stump.

"The competition was extremely close. I won by one point. The second-place winner dropped his tree a few inches farther away from his flag than I did. There's a lot of skill involved but also a little luck," says Hoar.

Hoar went into the U.S. Army after high school and spent a year serving in Korea after being trained as a paratrooper at Fort Bragg. He entered aviation school in Prescott, Ariz., in 1988, but decided to return to Maine and go into forestry in 1992. He has spent summers working for the Maine Department of Conservation on the Allagash Waterway and for Champion Paper in Bucksport. He plans to seek a forestry job after graduation next May.

Positions Available

The qualifications within the listings below are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.

To appear in the Maine Perspective, advertisements must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon on Wednesday. Guidelines for filling professional positions are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill form must be approved before posting in Maine Perspective.

Dean of Liberal Arts and Sciences. Nominations and applications are invited. Qualifications: Leadership skills, organizational abilities, commitment and energy. Skills in the area of development and a commitment to external fund raising, as well as skills in fiscal management and strategic planning for a complex organization are required. Must be an articulate spokesperson for the College with the ability to work effectively with faculty, staff, students, and administration; have an established record of teaching, research, and administration in a college or university; and have the credentials to qualify for the rank of professor with tenure in a discipline within the College. In addition, a commitment to continuous improvement, innovation, multi-ethnic/multi-cultural awareness and competence, internationalization of the curriculum, utilization of information technology to enhance learning, and a demonstrated ability to draw diverse faculty together are essential. Review of Applications: Will begin 11/20/96 and will continue until a suitable candidate is named. Preferred Appointment Date: 7/1/97. Contact: Send letter of application and current resume, along with the names, addresses, and telephone numbers of three references to: Dean Search Committee, c/o Carole Gardner, Office of the Vice President for Academic Affairs, 5703 Alumni Hall, Room 201, University of Maine, Orono, ME 04469-5703.

Vice Provost for Research and Graduate Studies. Nominations and applications are invited. Qualifications: Required: A doctorate degree from an accredited institution; appropriate scholarly credentials for appointment as a tenured professor at the University of Maine; significant experience in academic/research leadership and administration; excellent communication, interpersonal, and collaborative skills. Additional Qualifications: Knowledge of and experience working with federal, state, and private funding agencies; a demonstrated ability to attract external research funding; an understanding of the role of research and graduate education within the mission of a land grant university; a demonstrated commitment to intellectual, scholarly, and creative activity; a demonstrated commitment to cultural diversity, gender equity, and affirmative action; successful performance in an academic institution and demonstrated ability to work with diverse faculty, staff, and students in the university; demonstrated ability to work with teams and an ability to develop cooperative working relationships with all campus units; substantial recent experience in a research leadership position; substantial recent experience in a leadership position in graduate education. Review of Applications: Will begin 11/25/96. Contact: Send letter of nomination or letter of application, vita, and the names, addresses, and telephone numbers of at least three professional references to: Vice Provost for Research and Graduate Studies Search Committee, c/o Carole Gardner, University of Maine, Office of Academic Affairs, 5703 Alumni Hall, Room 201, Orono, ME 04469-5703.

Audit Manager, Department of Internal Audit in Bangor. Full-time, professional position. Qualifications: Bachelor's degree preferably in Auditing, Accounting, or Business Administration. A CIA or CPA is desirable. A minimum of four years of internal auditing and/or public accounting experience, including two years of supervisory experience is required. Must have advanced knowledge of accounting and auditing principles and have skills to appropriately define problems, collect data, establish facts, draw valid conclusions, and write the corresponding report. Must be able to effectively work individually or with a team. Excellent human relations, communications, time management, and analytical skills are required. Salary Range: Low thirties; depends on experience and other qualifications. Includes the full University benefits package. Review of Applications: Will begin 11/12/96. Contact: Send a cover letter, resume, and names of professional references to Carole Berry, University of Maine System, Office of Human Resources, 107 Maine Ave., Bangor, ME 04401-4380.

Senior Associate level in 19th and 20th Century Canadian or Canadian-American History. Department of History. Tenure-track appointment, concurrent with an endowed Libra Professorship, which is for a three-year term. Professorship is renewable contingent on review. Qualifications: Must have a record of published scholarship, academic leadership, and teaching excellence. Appointee will be expected to teach Canadian, U.S.-Canada, and one U.S. or European Survey in addition to graduate seminars each year. Review of Applications: Will begin 1/10/97. Contact: William Baker, Chair, History Department, University of Maine, 5774 Stevens Hall, Orono, ME 04469-5774.

Publications Specialist. Center for Community Inclusion. Part-time regular position, reappointment contingent on external funding. Qualifications: Required: Bachelor's degree in English, journalism, graphic arts/design, communication, fine arts or related field. Extensive editing and desktop publishing experience. Understanding of printing industry and production methods. Ability to manage multiple projects, producing quality results on schedule. Effective communication skills. Extensive knowledge of and experience with Macintosh computers, PageMaker, PhotoShop, PowerPoint, and HTML. Ability to be self directed and work independently as part of a team. Familiarity with the following is strongly preferred: Quark Express, development of multimedia presentations including video design and editing, Illustrator, CD-ROM technology, and the projects and programs of the Center for Community Inclusion. Deadline for Applications: 11/22/96. Contact: Send cover letter, resume, and sample of documents, publications designed to: Debbie Gilmer, Center for Community Inclusion, University of Maine, 5717 Corbett Hall, Room 114, Orono, ME 04469-5717.

Associate Dean, College of Engineering. Qualifications: Must have a current appointment as tenured faculty at the University of Maine and possess substantial and successful experience in counseling, advising and interacting with undergraduate students. An earned doctorate in engineering, registration as a professional engineer, experience in teaching engineering courses, some administrative experience, and the ability to interact with engineering professionals and parents of students. Deadline for Applications: 11/8/96. Start Date: 1/1/97. Contact: Submit a letter of application, a vita, and the names of three references to John Alexander, Dean, College of Engineering, Room 101, 5708 Barrows Hall, Orono, ME 04469-5708.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time and the address for the application information is: the contact person listed, department, University of Maine, Orono, ME 04469.

CHILDREN'S INTERNATIONAL SUMMER VILLAGES

The Maine Chapter of Children's International Summer Villages, an all-volunteer organization dedicated to peace through understanding founded by Doris Twitchell Allen (psychologist and native of Old Town), is holding two informational sessions for anyone (faculty, staff, students, and the general public) who would like to learn more about the organization and how he or she might become involved. An invitation is especially extended to any family with an 11-year-old child who might be interested in attending a month-long International Village during summer 1997 or December 1997-January 1998. Information on the countries for the 1997 Villages and applications will be available, and parents of children who have previously attended a Village will be available to answer your questions. Deadline for applications is mid-December.

CISV is also recruiting leaders to take a group of four 11-year-olds to an International Village, families of 13- to 14-year-olds to participate in an Interchange with the Virgin Islands, and 16- to 17-year-olds to be junior counselors for various Villages around the world. Informational sessions will be held: 7 p.m., Thursday, Nov. 7, Woolley Room, Doris Twitchell Allen Village; and noon, Friday, Nov. 8, Totman Lounge, Union

For more information, contact Patty Counihan, Career Center, x1355.

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together the two units. On the first floor of Carnegie Hall, examples of the most outstanding works from the Museum's collection will be exhibited; on the second-floor gallery selected works of faculty, students, and alumni/ae will be shown. A public reception will be held from 5-7 p.m., Friday, Nov. 22, at Carnegie. The gala evening will feature a lecture by Vincent Hartgen, "A History of the Department of Art: Vincent Hartgen Remembers." The lecture will be held at 6 p.m. in 202 Carnegie – the former classroom of the renowned arts educator.

"This is the first time we've had an exhibition that involved the collection, faculty, students, and alumni/ae. As a result, the energy level around this exhibition is extremely high," says Hicks.

Some of these works have been known and cherished by members of the University community, while others have never been seen, says Mason. "The show will not necessarily include all the most significant pieces in the collection. For instance, there will be no Picasso's or Braque's, although the works we have by these artists are very wonderful. What people will find in the show are remarkable little discoveries – like a pastel drawing on paper by the Mexican muralist, Diego Rivera.

"People do not have a sense of the significance of the collection. This is in part due to the works being dispersed throughout campus, rather than being seen collectively in the Museum. By presenting the works in a museum context, they will be given the recognition they deserve," says Mason.

The Museum's portion of the exhibition will reflect the diversity of the collection after 50 years of acquisition. "An exhibition such as this highlights the generosity of donors with whom the Museum has built long-standing relationships over the years. It is also a sign of the benevolence we hope will be expressed toward the Museum in the next 50 years. It is a form of outreach, letting people know that they can trust us with their works of art, and that this is a wonderful place to pass on their legacy."

The Department of Art component of the exhibition will feature outstanding work by faculty, students and alumni/ae. "This part of the exhibition will exemplify what the Department is about, the various disciplines associated with art – studio, art education and art history," says Hicks. "We want to reveal the depth and breadth of work produced by people associated with the Department. We feel this work exemplifies the quality of visual art experiences that have been available on this campus for 50 years.

"The Museum and Department offer the state quality visual arts programming. In the collection, there are works of international standing, and the Department faculty have national and international reputations. These are faculty that could go anywhere but have chosen to be at the University of Maine," says Hicks.

What is important for the next 50 years is reaffirming the connections between the Department of Art and Museum, says Hicks. "We both provide educational experiences in the visual arts for the citizens of Maine. Concrete connections between the Museum and Department advance the availability and richness of these experiences."

In addition to its educational mission, the Museum's goal is to take on "even more responsibility as a repository for visual arts. This includes being more responsive to the needs of artists in the state and the care of their work," says Mason.

An immediate focus for Mason will be the dedication of one of the Museum's galleries in Carnegie Hall for displaying works from the permanent collection. "Our intent is to have exhibitions which include information about the works. What is key to remember is that we are a museum with an important collection, not simply a gallery with changing exhibitions."

Even the experience one has in the University of Maine Museum of Art is going to change. What Mason calls "passive envy" – standing in front of a work, staring for a while and walking on to the next – will be replaced by "engagement" – increased interaction between the viewer and the work of art. For example, text panels will augment the museum experience by providing the viewer with historical and interpretive information concerning the work.

The Museum will launch a membership campaign during the 50th anniversary exhibition, not only seeking support and hoping to get patrons involved in the Museum and Department, but also as a means of "opening lines of communication."

Those lines of communication will reach into an arts community in Maine that has a long tradition of history and support. "There is a certain commitment that people in Maine feel toward the visual arts that has become a strong tradition," says Hicks. "In many ways, Maine is seen as synonymous with the arts, particularly visual and literary. Even today as tough economic times have brought diminished financial support, the arts remain no less important to, or part of the general life experiences of Maine citizens.

"Probably the most relevant statistic is that there are more artists per capita in Maine than in any other state in the country. The visual art tradition is important to the cultural identity of the state; it is a binding force. The Department and the Museum are continuing that high level of commitment. We believe Maine's tradition in the arts is not limited to people painting landscapes on Monhegan Island, but extends to all areas of visual culture," she says.

Supporting the arts and the arts community by providing educational, research and outreach resources to the state has been a hallmark of both the Department and the Museum throughout the past five decades. In addition to the creative and scholarly activities, they recognize their outreach responsibilities. This includes such efforts as the Department's After-School ArtWorks Program which allows more than 100 first- through eighth-grade students to participate in the arts every year, as well as involvement in a variety of statewide arts organizations. The Department is also the leading provider of art education in Maine and offers the only degree program in which students graduate as certified art teachers.

As well as its programs on campus, the Museum is responsible for the Vincent Hartgen Traveling Exhibitions. This benchmark program provides people in all corners of the state a chance to experience art in their communities through one of the 50-75 shows circulated annually.

The continuation of such successful programs is in keeping with the strong tradition of the Museum and Department. But the future of the two institutions also brings with it the potential for making an even greater impact on the state, its arts community, and the faculty and students. "The goal," says Hicks, "is to have the resources that allow us to fulfill our mission in the best possible manner. That includes finances, facilities, and staffing, student and community resources. The plan for the next 50 years is to focus on the area of greatest need – facilities. Until we come to terms with that need, what we can do is limited."

The Department and Museum of Art function in less than a third of the space they need, according to standards set by national accrediting institutions. Hicks indicated that, "in the Department's last two 10-year review reports, space was considered the number one priority for our programs. Our space has not changed substantially since 1966, yet the number of art majors has consistently increased."

Carnegie Hall also poses problems for the Museum, with its

Visual Arts *continued from page 16*

collection in need of storage, proper climate control, and as well has limited exhibition space. "Our collection is extremely significant," says Mason. "Many of the works we have go out on loans to other institutions. However, without an appropriate museum facility, we are not able to take advantage of reciprocated loans from other museums or bring important touring exhibitions to the University."

Carnegie Hall, built in 1906, is part of the campus historic district consisting of buildings constructed between 1870 and 1908 that have been designated as part of the National Register of Historic Places. The lack of space and proper climate control, coupled with significant regulatory and code issues in Carnegie Hall, have made the construction of a new home for visual arts a top academic building priority for the University, according to Anita Wihry, director of Facilities Management.

"The need for more space and climate control, and the need to address code issues and concerns particular to the arts process, like handling of hazardous chemicals and ventilation, make it difficult to retrofit a space that is already too small to sustain programmatic needs," says Wihry. "In recent years, we have moved a painting studio into Aubert Hall where there is proper ventilation, and another painting studio was moved to Wells Conference Center to accommodate the need for access. These are examples of adaptive, short-term responses to the problems Carnegie presents, and have resulted in fragmentation of the Department. The long-term solution must deal with the complexity of the spaces required for the visual arts, and a new facility will address these issues."

A Visual Arts Building Committee, co-chaired by Hicks and Mason, is in the process of being formed, and a feasibility study to determine the support base for fund raising is expected to begin in January. Preliminary discussions of such a facility have included possible sites. In an effort to create a cultural focus on campus, an area near Maine Center for the Arts and the newly completed Class of 1944 Hall has been considered. In addition, it has been proposed that the visual arts complex, housing both the Department and the Museum of Art, will be designed as a "green building," one which is constructed and maintained as environmentally friendly. As such, it will be a landmark building in the art world – an example of what is possible, given new environmentally sensitive technologies and the challenges of providing appropriate academic and museum facilities. Green architecture is consistent with Maine's focus on the environment and environmental sustainability, says Hicks.

"With new facilities, the Department and Museum have the potential to become even greater assets for the state. The objective is to think ahead as to what is needed in the future and where we can make offerings in art education, art history and studio," says Hicks. "For example, the building would provide the facilities necessary for graduate programs in these areas. It would also allow us to consider the development of classroom and studio space that could be made available to the community for special projects or workshops involving artists, scholars and teachers."

In such a new facility, the Museum would not only more effectively address its interpretation and exhibition of its collection, but would become an even more viable and highly visible resource. "The big issues for us have to do with being more accessible to the public and more involved with schools and tourists visiting the state, expanding and improving gallery space and assuring that parts of the permanent collection will be on exhibit in a museum setting throughout the year," says Mason.

"The Department of Art and the Museum have grown dramatically over the years and, with the potential for expansion and enhancement in the future, will be even stronger as key compo-

nents to a liberal arts education at the University," says Wihry. "As they have been in the past and continue to be, the visual arts are important not just for majors but for non-art majors who have a general interest. That's why a new facility like this is so vital to the entire community and the state."

Burton Hatlen, interim dean of the College of Arts and Humanities, notes that for 50 years, Hartgen has brought honor to the University of Maine, both through his own work as an artist and through his continuing efforts to make the "spiritual" resources of art more readily available both to the campus community and to the people of Maine. "For many years Vince was the Art Department, and his extraordinary career makes clear how much difference a single dedicated teacher can make to the cultural life of an entire region," says Hatlen.

Today, the Art Department and the Museum share the responsibility of carrying forward Hartgen's legacy, says Hatlen. "The Museum's large and varied collection represents a rich resource, and Wally Mason is working hard to make this collection more readily accessible to the people of this region. The Bangor area needs a first-rate art museum, and the University can and should provide such a facility. The Art Department offers the only art education program at any public university in this state; the young and dynamic art history faculty have generated a new enthusiasm for interdisciplinary studies felt across the campus; and the studio art program enables Maine students to work with some of the most exciting painters, printmakers, and sculptors anywhere in the Northeast.

"This energetic Department deserves the kind of home that the University has recently provided for the School of Performing Arts, and I look forward to the day when we will be able to dedicate a new art center that will serve both students and the off-campus community," says Hatlen. ▲

MEMORIAL UNION IDEAS SOUGHT

The Memorial Union Council is seeking ideas, comments or proposals from the University community on the use of space in the Union. The council is interested in creating a dialogue with the community to gather information on the best use of current space allocations and specifically the use of unoccupied space in the Walker Room, third floor, Union.

Your ideas, as users of the facility, are critical to the success of this discussion process. We welcome written or e-mail proposals and ideas from individuals, as well as groups or organizations, focused on creating the best environment for the Union as the community center of campus.

Submit recommendations by Friday, Nov. 15, to Ron Reisinger, Memorial Union director. E-mail: RonaldR@maine.maine.edu

EMPLOYEE ASSISTANCE PROGRAM

The Employee Assistance Program (EAP) provides free, short-term counseling and professional consultation services for all active and retired faculty and staff, and their immediate family members who have personal or work-related concerns. This confidential resource assists employees with a wide range of issues.

When a referral is needed, links are made with carefully screened community resources (therapists, psychiatrists, lawyers, physicians, financial consultants, etc.) Confidentiality is the most critical component of the EAP. All contacts are strictly confidential. No information, including participation in the EAP, is disclosed without written authorization from the client. The office is open Monday–Friday, 8 a.m.–4:30 p.m., including noontime. Accommodations for appointments can be made. Call x4014 for a confidential, free appointment with either Polly Moutevelis Karris, director, or Jim Werrbach, psychologist.



Maine Perspective classified ads are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs.

FOR SALE

AUTOMOBILE: 1992 Nissan Sentra GXE, 4-door, loaded, low mileage, book lists for over \$8,000, this great car is a steal at \$7,200. Call 866-7323 for details.

AUTOMOBILE: 1994 Aqua Ford Probe, auto, loaded, excellent condition, low mileage, new tires, runs great. Call Greg, 327-1405 after 5 p.m.

AUTOMOBILE: 1990 Mazda 323, red, 5-speed, 2-door, 67K, excellent condition, runs very well, great gas mileage. Has new tires, power steering, AM/FM cassette. Asking \$4,500. Call Deanna, 866-7278, evenings.

CLOTHES DRYER: \$150. Excellent condition. Used very little. Extra large capacity. Auto-dry. Call 866-4382

HOUSE: Lagrange, 7-year-old ranch w/daylight basement, 25 minutes from campus, 7+ acres of land, 2-car garage attached to home by breezeway. 2BRs, 1 3/4 baths, sliding doors off DR to 12X16 deck. Anderson windows, paved drive, quality features throughout. Owners handle sale. Asking \$86K. Call 943-2684 after 6 p.m.

MONITOR: 12-inch RGB color monitor for Macintosh w/swivel stand. Like new, original box. \$150 or BO. Call 866-0688.

PIANO: Franklin Henderson upright piano with stool. Made in Boston in 1853. Very good condition. Asking \$400. Will deliver to purchaser. Call 394-4735 after 6 p.m.

TODDLER ITEMS: Toddler bed and mattress, toddler car seat, two booster seats, two training potties, two infant/toddler bike seats, infant/toddler bike helmet, and toddler toys. Call 947-7799.

WHIRLPOOL: Watkins Highlife. Currently in storage. Excellent condition—new insulating cover. Breakers & electric box, and many chemicals included. Call 866-4251 and leave message.

WOOD STOVE: Alpine, 30"x26"x22," excellent quality and condition. \$300. Use as fireplace insert or stand alone. Perfect for your camp or home. Call 866-5548.

FOR RENT

APARTMENTS: Bradley. Large, well-maintained 1-BR apartments in quiet country setting approx. 7 miles to Old Town/Orono. Rents start at \$300/month plus utilities. Applicant must meet certain income guidelines. 30-day lease/security deposit. Call 827-7998 after 5 p.m.

GARAGE APARTMENT: Old Town, attractive 1- or 2-BR, mature person or couple preferred. No pets. \$375/mo. + utilities. Security deposit/references required. 827-2308.

HOUSE: Cape Cod located in quiet Orono neighborhood. 3 BRs, den, large LR with fireplace, open kitchen-dining area, oversized 2-car garage. Can be rented partially furnished if desired. \$750/month. Prefer non-smoking professional couple or small family. Pets OK. Call 973-8236 days, 827-7634 eves.

HOUSE: In Hancock, on ocean, with spectacular view of Cadillac Mt. and the porcupine islands. 3 BRs, 2 baths, furnished with modern decor, whirlpool tub, and all the amenities. A special home for responsible professionals. No smokers or pets. Available from now until mid-May. \$550 plus utilities. Call 866-4070.

OFFICE SPACE: Prime modern office space available July 1. Approx. 1,365 sq. feet. Call 866-4425.

ROOM: Sunny room for rent in Bangor victorian. Large house to be shared with UMaine professional. \$275/month, includes utilities, laundry, garden and off-street parking. Near EMMC, on bus line to campus. Prefer graduate student or professional. Call 990-0336 evenings.

ROOM: Orono. Lovely modern home in woods near busline. Share kitchen and laundry room. Off-street parking, storage area, pets allowed. Non-smokers only. \$250/month plus utilities. Reduced rent in exchange for household chores. Call 866-5548.

ROOM: Bradley (10 minutes from campus). Available immediately. Kitchen facilities, phone, cable hookup, garage. \$110/month part-time or \$220/month full-time student. Call 827-7963.

TRAILER: Two-BR trailer w/large addition, enclosed porch, on private lot, with W/D, a partial basement, located in Bradford within convenient walking distance to convenience store and Pat's Pizza (in Bradford), \$350/month plus security deposit and references required. 25 minutes from UMaine. Call 943-7751.

SERVICES

ALFOND ARENA: Clubs, dorms, sororities, fraternities—looking for something to do? Rent the Alfond Ice Arena. Try broomball, pick up hockey or have a skating party. Cost: broomball equipment—\$25; skate rental—\$1/pair; ice rental—\$150/hour before 11 p.m.; \$100/hour after 11 p.m.

FREE

CONTAINERS: Fernald Snack Bar, follow the signs for free plastic containers.

UMaine Cooperative Extension

Life Jackets

Peer education, adventure-based learning and environmental community service are at the heart of a youth development program for juvenile offenders of non-violent crime in Piscataquis County called Life Jackets.

Life Jackets is a county-supported program initiated last year through a partnership of people and organizations in the county, including University of Maine Cooperative Extension, local police and schools. It provides an alternative for adolescents ages 12 to 15 who become "informally adjusted" through the juvenile justice system. The goal of the pilot program is to provide skills that will enable young people to consider better choices and engage in decision making to avoid being repeat offenders and to preclude further involvement in the juvenile justice system.

During their six-month commitment to Life Jackets, the young people referred to the program by the juvenile justice system are immersed in a variety of activities including a weekly peer help group, problem-solving games and ropes courses, community service and a seven-day canoe expedition in northern Piscataquis County. By exploring and working together as a cooperative group, the young participants learn to value and strengthen their own "human life jacket" that involves feelings of acceptance and belonging, value and worth; trust and respect; and responsibility and accountability.

At the onset, seven youths volunteered to participate in Life Jackets last year. Of the five who completed all components of the program, 80 percent were empowered to make crime-free choices during their six months in Life Jackets. Most participants reported benefits such as making friends, learning to better deal with emotions and people, and finding "something better to go on."

For their inspirational efforts in Life Jackets, the peer helpers were cited earlier this year by WLBZ-TV with America's Future Awards. The Cooperative Extension leader of Life Jackets is Extension Educator Roger Merchant.

FOLLOW-UP TO CEAC PROFESSIONAL DEVELOPMENT DAY

Oct. 15, the Classified Employees Advisory Council (CEAC) sponsored a Professional Development Conference for all classified staff at this University. The conference was an unqualified success, welcomed with great enthusiasm from both attendees and workshop leaders. Plans are already under way for a bigger and better conference next year.

CEAC members would like to take this opportunity to publicly thank those employees and students who not only volunteered their time to run workshops, lead guided tours, and staff information tables, but were as excited by the opportunity to share their expertise as their avid "students" were to learn. We sincerely appreciate your help! We would also like to thank President Hutchinson and Cathy Bradbury for their help and support, as well as all supervisors who provided release time so that employees could take full advantage of the conference offerings. And finally, thanks to all those employees who attended the conference. Your interest and enthusiasm made the day a success. We look forward to offering you even more opportunities next fall, and would like to hear any comments and suggestions you have that will help us to do that.

Finally, we would like to apologize to those employees who either did not receive the conference brochure at all or received it very late due to a mailing error. We are working on resolving that problem so that everyone will receive conference information in plenty of time next year.

Cultural Affairs Committee Deadline for Proposals

The deadlines to submit proposals to the Cultural Affairs/Distinguished Lectures Series Committee are the last Fridays in November and March. Proposal guidelines and applications are available by contacting the President's Office, x1516.

Canada Road *continued from page 11*

was forever fated to haunt those woods after being murdered along the Canada Road.

Not long after, Rodrigue was headed up the Moose River when he stopped in Jackman to visit Ruth Reed. In the course of their conversation, she pulled out a letter written in 1861 by a man living in The Forks. Corresponding to his cousin, the man related the story of two brothers who had been arrested for murdering a Civil War soldier after robbing him of the bounty money he received for enlisting. It seems the soldier was an Irishman who was traveling back to Quebec along the Canada Road.

"That was a nice association of a folk tale of a family coupled with written documentation acquired from talking to two informants along the Canada Road. Archaeological sites don't lie, they are physical remains in the woods. Then you go out and, in talking to people, try to attach stories, deeds, photographs and other documentation to the fieldstone cellar hole," says Rodrigue, whose interdisciplinary work involves archaeology, geography, oral history, cartography and other disciplines in fact-finding and cross-checking information. Some of the oral history interviews conducted by Rodrigue throughout these past three years are being deposited in the Maine Folklife Center.

"If we had undertaken this project 15 years from now, it would not have been do-able; many of these people would have passed on," says Rodrigue. "We might have found many of the archaeological sites, but not had stories to match to what occurred there. The people who are relaying the stories range in ages from their 70s to 90s, talking about great-great or great-great-great relatives."

What Rodrigue set out to discover in his research was the exact route of passage – a "simple study" of the route and the stories of its history. What he found was not only the road but a clearer picture of the migrants and their migrations on that route. So often in migration experiences, people say their family came from here and got to there, but leave out how that happened, says Rodrigue. His own ancestors came from Quebec, but there was little known about how that migration process occurred. In his research, Rodrigue found important facts of migration history that had been overlooked.

Rodrigue's research has found that different ethnicities had different migrant experiences. In the early 19th century, English, German, Scottish and Irish from Quebec and the Beauce – very plural societies – came just over the border and took farms in Maine. French Canadians, on the other hand, passed deeper into Maine via the Canada Road to settle in Skowhegan and Augusta, taking public works jobs building mills, the state capitol and dams, as well as doing woods work. These earlier migrations were the lead-ins to later migrations of millworkers.

"Canadian farmers had good farms in Quebec, and Maine needed workers. The French Canadians came and took seasonal jobs, returning to their farmlands with their incomes and creating a different ethno-economic migration pattern."

Similarly, unlike what has typically been portrayed as the Canada Road being a one-way street for mercantilism, Rodrigue has found otherwise. It is a fairly well-known fact that the Canada Road was built initially to transport livestock from the northern Kennebec Valley to Quebec markets. But what is not generally known is that the French also used this route for commerce, such as regular trips to the Maine coast for cod to sell in Canada.

The migration experience and French Canadian society prior to 1860 is different than the stereotype that developed from the mill migration, which was at its height from 1870-1920, says Rodrigue. "During that earlier period, those French who came down and assimilated did not face as much hostility. Many were bilingual,

having come from diffusing frontier societies of Quebec and the Beauce. They also went into work that we do not traditionally associate with Franco-Americans.

"It's as if, as the years passed, historians created a self-fulfilling prophecy," he says. "Even Franco-Americans writing about themselves through the years tended to adopt a similar image as that written by Yankee historians – migrants who lived in petit Canadas speaking only French, living around mills and the Catholic church. What that stereotype leaves out are those who assimilated into various other ethnicities to various degrees or otherwise "disappeared." What I've come to discover is that there are many Franco existences out there, and one of the largest groups that differs from the stereotype is found in the pre-1860 migration."

It was a chapter from Franco-American history that was the springboard for Rodrigue's research project on the Canada Road. In 1992, his master's degree work in history resulted in his first academic book: *Tom Plant: The Making of a Franco-American Entrepreneur, 1859-1941*. Plant, the largest shoe manufacturer in the U.S. in 1910, was a fascinating figure in New England history not just because he was a successful businessman but because he heralded from a poor Franco family in Maine that had migrated down the Canada Road. One of the many results of the book is that representatives managing the Plant homestead known as Castle in the Clouds, a New Hampshire tourist attraction and headquarters of Castle Springs Mineral Water, had Rodrigue re-edit its promotional booklet to include Plant's Maine and Franco-American heritage.

Today, Rodrigue is pursuing his second master's degree in historical archaeology as part of his archaeology certification, working with UMaine Professor of Anthropology Alaric Faulkner. Rodrigue's ongoing academic work also includes two dissertations that are under way, one for a Ph.D. in history at UMaine, working with Associate Professor of History Jacques Ferland, and the other in geography at Université Laval, working with globally renowned historical geographer Serge Courville. At the Université Laval, Rodrigue, a former Fulbright scholar, is contributing to a 12-volume historical geography that will include census and other database information used to reconstruct information about economic growth, settlement patterns and modernization in 19th century Quebec.

Rodrigue's second academic book, this one on the Canada Road, will be based on his two dissertations. In addition, he is trying to use the Canada Road project to forge a cooperative relationship between faculty and students at UMaine and Université Laval, and would like to see further cooperation with Queens University in Kingston, McGill, the University of Montreal, as well as the universities of New Brunswick at Fredericton and Moncton.

Research like this multi-year project on the Canada Road shows what a rich, plural society this region has had, says Rodrigue. "It's not just a simple image of French versus Yankee settlers with Native Americans caught in between. It is more complex than that – even in the old days. For instance in Beauce, in addition to Abenaki in that area, there were French-Canadians, English, Irish, Scotch, German, African American, French and Acadians – a diffuse society. These are the people who then came down the Canada Road to Maine and intermarried with Yankees to create a plural society.

"This research has shown that Mainers come from a creative and dynamic world. This was an exciting frontier region to be living in between 1810-60." ▲



Whitaker Foundation supports research that applies or develops engineering methods and techniques to address biomedical problems. Eligible investigators received a Ph.D. or equivalent less than eight years prior to application. Interdisciplinary collaboration is encouraged. Maximum initial award: \$210,000 over three years. Preliminary applications are due Dec. 3.

Council of American Overseas Research Centers offers fellowships for regional research in countries in the Near and Middle East and South Asia. Awards of up to \$6,000 each, plus \$3,000 for travel, will support 3 months of work in the humanities, social sciences, or allied natural sciences. Deadline: Dec. 30.

Aspen Institute's Nonprofit Sector Research Fund grants up to \$50,000 in direct costs for investigations of basic propositions

about the role and value of nonprofits and the tradition of philanthropy both in the U.S. and abroad. A new program emphasis seeks research proposals addressing public policy issues related to nonprofit organizations. Deadlines: Jan. 2, June 1.

Agriculture in Concert with the Environment, a joint program of the Environmental Protection Agency and the U.S. Department of Agriculture, seeks proposals for research, education, and on-farm demonstration projects to prevent agricultural pollution, reduce the misuses of nutrients and pesticides, and protect sensitive areas in the Northeast Region. Deadline: Jan. 14.

National Science Foundation invites applications to host visiting scientists, mathematicians, or engineers from NATO Cooperation Partner Countries of eastern Europe and the former Soviet Union for one year of advanced study and research. Eligible visitors will have received a doctoral degree between Oct. 1, 1992 and Oct. 1, 1997. Deadline: Jan. 17.

Bicentennial Swedish-American Exchange Fund makes travel grants for three- to six-week study visits in Sweden by U.S. citizens or permanent residents working in positions in which they can influence public opinion and contribute to the development of U.S. society. Deadline: Feb. 7.

For more information, call Research & Sponsored Programs, x1476.

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For additional information contact:
Continuing Education Division, 122 Chadbourne Hall, Orono, ME 04469-5713
Telephone: 207-581-3142 • Fax: 207-581-3141 • E-Mail: CEDSS@Maine.Maine.Edu

IACUC APPLICATIONS AND MEETINGS

The Institutional Animal Care and Use Committee (IACUC) reminds investigators/instructors that no research, teaching, or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the due dates for receipt of applications and the actual meeting dates for the fall semester. Protocol review forms and copies of the University's Policy and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs, 424 Corbett Hall, x1498.

Applications Due	IACUC Meeting Dates
November 6	November 20
December 2	December 16

UNIVERSITY OF MAINE NEWS AND INFORMATION

News releases from the Department of Public Affairs are now available by electronic mail. The Department has developed a mailing list for its news releases, media advisories and daily Radio News Service rundowns. Materials are posted to the list the same day they are written, giving subscribers immediate access to news and features about the University of Maine. To subscribe, send an email message to listserv@maine.maine.edu and in the body of the message enter SUBSCRIBE RELEASES Your Name

In addition, UMaine Today is a daily e-mail service of Public Affairs. Intended to provide an overview of UMaine and related news of the day, UMaine Today is available to interested members of the University community. To subscribe to the service, send an e-mail message to listserv@maine.maine.edu and in the body of the message, write: subscribe umtoday. Each day's message is also posted to the First Class BBS. For information, call Joe Carr, Public Affairs news coordinator, x3571.



Vincent Hartgen: Paintings and Drawings, a University of Maine Museum of Art exhibit, part of the 50th anniversary observance of the Museum and Department of Art, through Jan. 17.

Greater Portland Chamber of Commerce After Hours, 5-7 p.m., Nov. 14.

Cumberland County Alumni Chapter Reception and Symphony Gala, 5-7 p.m., Dec. 14.

Women's Basketball: UMaine vs. Rhode Island, Dec. 22, Cumberland County Civic Center.

Maine Perspective

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